

Materials Approved for Use in Organic Production and Handling

Organic farming is based on using natural methods for building soil fertility and managing insects, weeds, and disease. Most synthetic materials are prohibited. The National Organic Program (NOP) allows the use of all natural substances (materials) unless they are specifically prohibited (e.g. strychnine and nicotine are prohibited). Under the NOP all synthetic substances (materials) are prohibited unless they are approved on the National List.

As part of the 2003 application packets we are including three materials lists, the National List, the WSDA Generic Materials List, and the WSDA Brand Name Materials List.

The National List of Allowed and Prohibited Substances

The National List consists of sections 205.601 through 205.606 of the National Organic Program. The National List includes a list of approved synthetic materials and prohibited natural materials.

The WSDA Generic Materials List

The WSDA Generic Materials List provides a comprehensive list of approved materials that are compliant with the National Organic Program.

Brand Name Materials List (BNML)

The WSDA Brand Name Materials List is a list of brand name products that have been evaluated to determine that they comply with organic standards. Products listed on the BNML are identified as either being approved or denied. Products that are "Approved" have been determined to comply with the National Organic Program. Products that are "Denied" have been determined to not comply with the National Organic Program and are prohibited.

Products listed as Pending-NOP indicate pheromones that have been approved by the National Organic Standards Board (NOSB), but are awaiting formal adoption by the NOP. The NOSB recommendations will be formally adopted when they are published in the Federal Register. The pheromones that are pending NOP approval may be used for organic crop production in 2003. The WSDA Brand Name Materials List is available on the WSDA web site at: http://agr.wa.gov/default.htm.

How to Determine the Status of a Material

To determine if a product is approved, review the National List to determine if the material is a prohibited natural or approved synthetic. If the material is natural it is approved for use unless it is prohibited on the National List. If the material is synthetic it is prohibited unless it is approved on the National List. Keep in mind the restrictions on materials listed on both the National List and the WSDA Generic List.

Next, review the Brand Name Materials List (BNML) and the WSDA Generic Materials List. If the product is approved on the BNML check the WSDA Generic Materials List to determine whether there are any restrictions on its use (e.g. chelated micronutrients are allowed, but only

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if the soil and/or plant tissue tests show the soil is deficient for that nutrient). If the product does not appear on the BNML, review the WSDA Generic Materials List to determine if the material or the ingredients in the material are approved.

Can I Use Up Existing Stocks of Materials from the 2002 Brand Name Materials List? There are materials that were on the 2002 BNML that do not meet the NOP standards. These materials are prohibited and must not be used. There are also some materials that were on the 2002 BNML that comply with the NOP but did not renew their registration. These NOP compliant materials may be used if you can demonstrate that they comply with the National Organic Program. If a material is not on the BNML you will need to document that the material is NOP compliant.

NOTE: Generally, insecticides have more unidentified inert ingredients than fertilizers or soil amendments. This makes them more difficult to approve or deny for use based on their labeling alone. If you would like to use a material that is not on the BNML, contact the company that manufactures the product and encourage them to register the product with the WSDA Organic Food Program so that a complete evaluation of their compliance with the NOP can be conducted.

If you have any questions regarding the BNML, please contact Mark Amrhein, phone (360) 902-1882, fax (360) 902-2087, or email: mamrhein@agr.wa.gov.

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National List of Allowed and Prohibited Substances

§ 205.600 Evaluation criteria for allowed and prohibited substances, methods, and ingredients.

The following criteria will be utilized in the evaluation of substances or ingredients for the organic production and handling sections of the National List:

- (a) Synthetic and nonsynthetic substances considered for inclusion on or deletion from the National List of allowed and prohibited substances will be evaluated using the criteria specified in the Act (7 U.S.C. 6517 and 6518).
- (b) In addition to the criteria set forth in the Act, any synthetic substance used as a processing aid or adjuvant will be evaluated against the following criteria:
- (1) The substance cannot be produced from a natural source and there are no organic substitutes;
- (2) The substance's manufacture, use, and disposal do not have adverse effects on the environment and are done in a manner compatible with organic handling:
- (3) The nutritional quality of the food is maintained when the substance is used, and the substance, itself, or its breakdown products do not have an adverse effect on human health as defined by applicable Federal regulations;
- (4) The substance's primary use is not as a preservative or to recreate or improve flavors, colors, textures, or nutritive value lost during processing, except where the replacement of nutrients is required by law;
- (5) The substance is listed as generally recognized as safe (GRAS) by Food and Drug Administration (FDA) when used in accordance with FDA's good manufacturing practices (GMP) and contains no residues of heavy metals or other contaminants in excess of tolerances set by FDA; and
- (6) The substance is essential for the handling of organically produced agricultural products.
- (c) Nonsynthetics used in organic processing will be evaluated using the criteria specified in the Act (7 U.S.C. 6517 and 6518).

§ 205.601 Synthetic substances allowed for use in organic crop production.

In accordance with restrictions specified in this section, the following synthetic substances may be used in organic crop production:

- (a) As algicide, disinfectants, and sanitizer, including irrigation system cleaning systems
 - (1) Alcohols
 - (i) Ethanol
 - (ii) Isopropanol
- (2) Chlorine materials *Except*, That, residual chlorine levels in the water shall not exceed the maximum residual disinfectant limit under the Safe Drinking Water Act.
 - (i) Calcium hypochlorite
 - (ii) Chlorine dioxide
 - (iii) Sodium hypochlorite
 - (3) Hydrogen peroxide

- (4) Soap-based algicide/demisters
- (b) As herbicides, weed barriers, as applicable.
- (1) Herbicides, soap-based for use in farmstead maintenance (roadways, ditches, right of ways, building perimeters) and ornamental crops
 - (2) Mulches
- (i) Newspaper or other recycled paper, without glossy or colored inks.
- (ii) Plastic mulch and covers (petroleum-based other than polyvinyl chloride (PVC))
- (c) As compost feedstocks Newspapers or other recycled paper, without glossy or colored inks
- (d) As animal repellents Soaps, ammonium for use as a large animal repellant only, no contact with soil or edible portion of crop
 - (e) As insecticides (including acaricides or mite control)
- (1) Ammonium carbonate for use as bait in insect traps only, no direct contact with crop or soil
- (2) Boric acid structural pest control, no direct contact with organic food or crops
 - (3) Elemental sulfur
 - (4) Lime sulfur including calcium polysulfide
- (5) Oils, horticultural narrow range oils as dormant, suffocating, and summer oils.
 - (6) Soaps, insecticidal
 - (7) Sticky traps/barriers
 - (f) As insect attractants Pheromones
 - (g) As rodenticides
- (1) Sulfur dioxide underground rodent control only (smoke bombs)
 - (2) Vitamin D3
 - (h) As slug or snail bait None
 - (i) As plant disease control
- (1) Coppers, fixed copper hydroxide, copper oxide, copper oxychloride, includes products exempted from EPA tolerance, *Provided*, That, copper-based materials must be used in a manner that minimizes accumulation in the soil and shall not be used as herbicides.
- (2) Copper sulfate Substance must be used in a manner that minimizes accumulation of copper in the soil.
- (3) Hydrated lime must be used in a manner that minimizes copper accumulation in the soil.
 - (4) Hydrogen peroxide
 - (5) Lime sulfur
- (6) Oils, horticultural, narrow range oils as dormant, suffocating, and summer oils.
 - (7) Potassium bicarbonate
 - (8) Elemental sulfur
- (9) Streptomycin, for fire blight control in apples and pears only
- (10) Tetracycline (oxytetracycline calcium complex), for fire blight control only
 - (i) As plant or soil amendments.
- (1) Aquatic plant extracts (other than hydrolyzed) Extraction process is limited to the use of potassium hydroxide or sodium hydroxide; solvent amount used is limited to that amount necessary for extraction.
 - (2) Elemental sulfur

- (3) Humic acids naturally occurring deposits, water and alkali extracts only
- (4) Lignin sulfonate chelating agent, dust suppressant, floatation agent
- (5) Magnesium sulfate allowed with a documented soil deficiency
- (6) Micronutrients not to be used as a defoliant, herbicide, or desiccant. Those made from nitrates or chlorides are not allowed. Soil deficiency must be documented by testing.
 - (i) Soluble boron products
- (ii) Sulfates, carbonates, oxides, or silicates of zinc, copper, iron, manganese, molybdenum, selenium, and cobalt,
- (7) Liquid fish products can be pH adjusted with sulfuric, citric or phosphoric acid. The amount of acid used shall not exceed the minimum needed to lower the pH to 3.5
 - (8) Vitamins, B1, C, and E
- (k) As plant growth regulators Ethylene for regulation of pineapple flowering
 - (I) As floating agents in postharvest handling
 - (1) Lignin sulfonate
- (2) Sodium silicate for tree fruit and fiber processing
- (m) As synthetic inert ingredients as classified by the Environmental Protection Agency (EPA), for use with nonsynthetic substances or synthetic substances listed in this section and used as an active pesticide ingredient in accordance with any limitations on the use of such substances.
 - (1) EPA List 4 Inerts of Minimal Concern (n)-(z) [Reserved]

§ 205.602 Nonsynthetic substances prohibited for use in organic crop production.

The following nonsynthetic substances may not be used in organic crop production:

- (a) Ash from manure burning
- (b) Arsenic
- (c) Lead salts
- (d) Sodium fluoaluminate (mined)
- (e) Strychnine
- (f) Tobacco dust (nicotine sulfate)
- (g) Potassium chloride unless derived from a mined source and applied in a manner that minimizes chloride accumulation in the soil.
- (h) Sodium nitrate unless use is restricted to no more than 20% of the crop's total nitrogen requirement.
 - (i)-(z) [Reserved]

§ 205.603 Synthetic substances allowed for use in organic livestock production.

In accordance with restrictions specified in this section the following synthetic substances may be used in organic livestock production:

- (a) As disinfectants, sanitizer, and medical treatments as applicable
 - (1) Alcohols
- (i) Ethanol disinfectant and sanitizer only, prohibited as a feed additive

- (ii) Isopropanol disinfectant only
- (2) Aspirin approved for health care use to reduce inflammation
- (3) Chlorine materials disinfecting and sanitizing facilities and equipment. Residual chlorine levels in the water shall not exceed the maximum residual disinfectant limit under the Safe Drinking Water Act
 - (i) Calcium hypochlorite
 - (ii) Chlorine dioxide
 - (iii) Sodium hypochlorite
- (4) Chlorohexidine Allowed for surgical procedures conducted by a veterinarian. Allowed for use as a teat dip when alternative germicidal agents and/or physical barriers have lost their effectiveness
 - (5) Electrolytes without antibiotics
 - (6) Glucose
- (7) Glycerin Allowed as a livestock teat dip, must be produced through the hydrolysis of fats or oils
 - (8) Iodine
 - (9) Hydrogen peroxide
 - (10) Magnesium sulfate
- (11) Oxytocin use in postparturition therapeutic applications
- (12) Parasiticides Ivermectin prohibited in slaughter stock, allowed in emergency treatment for dairy and breeder stock when organic system plan-approved preventive management does not prevent infestation. Milk or milk products from a treated animal cannot be labeled as provided for in subpart D of this part for 90 days following treatment. In breeder stock, treatment cannot occur during the last third of gestation if the progeny will be sold as organic and must not be used during the lactation period of breeding stock.
- (13) Phosphoric acid allowed as an equipment cleaner, *Provided*, That, no direct contact with organically managed livestock or land occurs.
 - (14) Biologics Vaccines
- (b) As topical treatment, external parasiticide or local anesthetic as applicable.
 - (1) Iodine
- (2) Lidocaine as a local anesthetic. Use requires a withdrawal period of 90 days after administering to livestock intended for slaughter and 7 days after administering to dairy animals
- (3) Lime, hydrated (bordeaux mixes), not permitted to cauterize physical alterations or deodorize animal wastes.
 - (4) Mineral oil for topical use and as a lubricant
- (5) Procaine as a local anesthetic, use requires a withdrawal period of 90 days after administering to livestock intended for slaughter and 7 days after administering to dairy animals
 - (6) Copper sulfate
- (c) As feed supplements Milk replacers without antibiotics, as emergency use only, no nonmilk products or products from BST treated animals
 - (d) As feed additives
- (1) Trace minerals, used for enrichment or fortification when FDA approved, including:
 - (i) Copper sulfate
 - (ii) Magnesium sulfate

- (2) Vitamins, used for enrichment or fortification when FDA approved
- (e) As synthetic inert ingredients as classified by the Environmental Protection Agency (EPA), for use with nonsynthetic substances or a synthetic substances listed in this section and used as an active pesticide ingredient in accordance with any limitations on the use of such substances.

EPA List 4 - Inerts of Minimal Concern.

(f)-(z) [Reserved]

§ 205.604 Nonsynthetic substances prohibited for use in organic livestock production.

The following nonsynthetic substances may not be used in organic livestock production:

- (a) Strychnine
- (b)-(z) [Reserved]

§ 205.605 Nonagricultural (nonorganic) substances allowed as ingredients in or on processed products labeled as "organic" or "made with organic (specified ingredients or food group(s))."

The following nonagricultural substances may be used as ingredients in or on processed products labeled as "organic" or "made with organic (specified ingredients or food group(s))" only in accordance with any restrictions specified in this section.

- (a) Nonsynthetics allowed:
 - (1) Acids
 - (i) Alginic
- (ii) Citric produced by microbial fermentation of carbohydrate substances
 - (iii) Lactic
 - (2) Bentonite
 - (3) Calcium carbonate
 - (4) Calcium chloride
 - (5) Colors, nonsynthetic sources only
 - (6) Dairy cultures
 - (7) Diatomaceous earth food filtering aid only
- (8) Enzymes must be derived from edible, nontoxic plants, nonpathogenic fungi, or nonpathogenic bacteria
- (9) Flavors, nonsynthetic sources only and must not be produced using synthetic solvents and carrier systems or any artificial preservative.
 - (10) Kaolin
- (11) Magnesium sulfate, nonsynthetic sources only
 - (12) Nitrogen oil-free grades
 - (13) Oxygen oil-free grades
- (14) Perlite for use only as a filter aid in food processing
 - (15) Potassium chloride
 - (16) Potassium iodide
 - (17) Sodium bicarbonate
 - (18) Sodium carbonate
 - (19) Waxes nonsynthetic
 - (i) Carnauba wax
 - (ii) Wood resin

- (20) Yeast nonsynthetic, growth on petrochemical substrate and sulfite waste liquor is prohibited
 - (i) Autolysate
 - (ii) Bakers
 - (iii) Brewers
 - (iv) Nutritional
- (v) Smoked nonsynthetic smoke flavoring process must be documented.
 - (b) Synthetics allowed:
 - (1) Alginates
- (2) Ammonium bicarbonate for use only as a leavening agent
- (3) Ammonium carbonate for use only as a leavening agent
 - (4) Ascorbic acid
 - (5) Calcium citrate
 - (6) Calcium hydroxide
- (7) Calcium phosphates (monobasic, dibasic, and tribasic)
 - (8) Carbon dioxide
- (9) Chlorine materials disinfecting and sanitizing food contact surfaces, *Except*, That, residual chlorine levels in the water shall not exceed the maximum residual disinfectant limit under the Safe Drinking Water Act.
 - (i) Calcium hypochlorite
 - (ii) Chlorine dioxide
 - (iii) Sodium hypochlorite
- (10) Ethylene allowed for postharvest ripening of tropical fruit
- (11) Ferrous sulfate for iron enrichment or fortification of foods when required by regulation or recommended (independent organization)
- (12) Glycerides (mono and di) for use only in drum drying of food
- (13) Glycerin produced by hydrolysis of fats and oils
 - (14) Hydrogen peroxide
 - (15) Lecithin bleached
- (16) Magnesium carbonate for use only in agricultural products labeled "made with organic (specified ingredients or food group(s))," prohibited in agricultural products labeled "organic"
 - (17) Magnesium chloride derived from sea water
- (18) Magnesium stearate for use only in agricultural products labeled "made with organic (specified ingredients or food group(s))," prohibited in agricultural products labeled "organic"
- (19) Nutrient vitamins and minerals, in accordance with 21 CFR 104.20, Nutritional Quality Guidelines For Foods
 - (20) Ozone
 - (21) Pectin (low-methoxy)
- (22) Phosphoric acid cleaning of food-contact surfaces and equipment only
 - (23) Potassium acid tartrate
 - (24) Potassium tartrate made from tartaric acid
 - (25) Potassium carbonate
 - (26) Potassium citrate
- (27) Potassium hydroxide prohibited for use in lye peeling of fruits and vegetables

- (28) Potassium iodide for use only in agricultural products labeled "made with organic (specified ingredients or food group(s))," prohibited in agricultural products labeled "organic"
- (29) Potassium phosphate for use only in agricultural products labeled "made with organic (specific ingredients or food group(s))," prohibited in agricultural products labeled "organic"
 - (30) Silicon dioxide
 - (31) Sodium citrate
- (32) Sodium hydroxide prohibited for use in lye peeling of fruits and vegetables
- (33) Sodium phosphates for use only in dairy foods
- (34) Sulfur dioxide for use only in wine labeled "made with organic grapes," *Provided*, That, total sulfite concentration does not exceed 100 ppm.
- (35) Tocopherols derived from vegetable oil when rosemary extracts are not a suitable alternative
 - (36) Xanthan gum
 - (c)-(z) [Reserved]

§ 205.606 Nonorganically produced agricultural products allowed as ingredients in or on processed products labeled as organic or made with organic ingredients.

The following nonorganically produced agricultural products may be used as ingredients in or on processed products labeled as "organic" or "made with organic (specified ingredients or food group(s))" only in accordance with any restrictions specified in this section.

Any nonorganically produced agricultural product may be used in accordance with the restrictions specified in this section and when the product is not commercially available in organic form.

- (a) Cornstarch (native)
- (b) Gums water extracted only (arabic, guar, locust bean, carob bean)
- (c) Kelp for use only as a thickener and dietary supplement
 - (d) Lecithin unbleached
 - (e) Pectin (high-methoxy)

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Approved Materials and Practices.

The following lists of materials are approved for use in organic crop production. Some materials have certain restrictions regarding their use. These restrictions are noted in the list. ALWAYS CAREFULLY READ THE LABEL AND ANY OTHER DOCUMENTATION. All materials must be applied in compliance with all state and federal laws.

General requirements

Pesticides that contain inert ingredients must not contain inert ingredients on EPA's List 1, 2 or 3 of Inerts of Toxicological Concern.

- (1) Acetic acid. Used as a drip irrigation cleaner and as an adjuvant to adjust pH of solutions.
- (2) Airborne projectiles for rodent control.
- (3) Alcohol. Allowed as an algicide, disinfectant, sanitizer, and cleanser of irrigation systems.
- (4) Alfalfa meal.
- (5) Algae.
- (6) Amino acids from naturally occurring organisms are allowed. Amino acids produced from genetically engineered organisms are prohibited.
- (7) Ammonium soaps. As large animal repellant. No contact with soil or edible crop.
- (8) Animal byproducts including bone meal, blood meal, feather meal, hoof meal, horn meal, shrimp meal, crab meal and crab meat. Leather by-products are prohibited.
- (9) Antibiotics. Streptomycin and tetracycline are permitted for fire blight control.
- (10) Ascorbic acid. Used as a drip irrigation cleaner and as an adjuvant to adjust pH of solutions.
- (11) Azadrichtin (neem).
- (12) Biodynamic preparations.
- (13) Blood meal.
- (14) Bone meal.
- (15) Boron products. Mined sources are allowed including sodium tetraborate, sodium octaborate.
- (16) Bacillus thuringiensis. Must not be a product of genetically engineered organisms.
- (17) Beneficial insects.
- (18) Biological control organisms.

- (19) Bordeaux mixes. Use with caution. Excessive may cause buildup of copper in the soil.
- (20) Boric acid. Cannot be used in direct contact with organic food or crops.
- (21) Biological control organisms.
- (22) Calcium chloride.
- (23) Calcium hydroxide (hydrated lime). Foliar application only. Must not be used as a liming material.
- (24) Carbonates of zinc, iron, copper, manganese, molybdenum, selenium, and cobalt. May be used only to correct for deficiencies determined by soil or plant tissue testing.
- (25) Cardboard. Unwaxed cardboard may be used as mulch or as a compost feedstock. Waxed cardboard must not exceed 0.75% by weight of the mulch or compost feedstock.
- (26) Chelates. Chelated micronutrient sprays may be used in conjunction with soil and/or plant tissue tests. Amino acid, lignin-sulfonate, citric acid, malic acid, tartaric acid and other di- and tri-acid chelates are acceptable. Synthetic chelating agents such as EDTA and HEDTA are prohibited.
- (27) Citric acid. Used as a drip irrigation cleaner and as an adjuvant to adjust pH of solutions.
- (28) Cocoa bean hulls. Must be composted or tested for pesticide residues of organochlorines and organophosphates. Testing of product must indicate that organochlorines and organophosphates residues are below 10 parts per billion.
- (29)Compost tea. The materials (feedstocks) used to produce compost tea must consist of approved materials. Acceptable feedstocks include uncontaminated nonsynthetic materials except for those nonsynthetic substances prohibited under the National Organic Program section 205.602 and 205.604. Prohibited feedstocks include nonsynthetic substances contaminated with clopyralid, picloram or other persistent pesticides, mixed municipal solid waste, sewage sludge, biosolids, glossy paper, recycled gypsum, dangerous waste, special waste, waste or by-product from processes that create organochlorines, cement kilns, secondary steel mills, waste categorically excluded from the dangerous waste

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- regulations and other materials prohibited under the National Organic Program.
- (30) Compost. The materials (feedstocks) used to produce compost must consist of approved materials. Acceptable feedstocks include uncontaminated nonsynthetic materials except for those nonsynthetic substances prohibited under the National Organic Program section 205.602 and 205.604. Prohibited feedstocks include nonsynthetic substances contaminated with clopyralid, picloram or other persistent pesticides, mixed municipal solid waste, sewage sludge, biosolids, glossy paper, recycled gypsum, dangerous waste, special waste, waste or by-product from processes that create organochlorines, cement kilns, secondary steel mills, waste categorically excluded from the dangerous waste regulations and other materials prohibited under the National Organic Program.
- (31) Copper hydroxide.
- (32) Copper sulfate. Use with caution. Excessive use may cause buildup of copper in the soil.
- (33) Corn calcium.
- (34) Corn gluten.
- (35) Cottonseed meal. Must be composted or tested for pesticide residues of organochlorines and organophosphates. Testing of product must indicate that organochlorines and organophosphates residues are below 10 parts per billion.
- (36) Cyanobacteria or blue-green algae.
- (37) Deer and rabbit repellents. Acceptable if derived from a natural source.
- (38) Diatomaceous earth.
- (39) Dolomite lime. (Magnesium carbonate and calcium carbonate.) May cause buildup of magnesium. Must be from a natural mined source.
- (40) Dormant oils. Must have an average fifty percent boiling point at 10mm mercury pressure between 415-470 degrees Fahrenheit. Use only on woody plants as a dormant spray.
- (41) Enzymes. Acceptable if derived microbiologically from natural materials and not fortified with synthetic plant nutrients. Enzymes produced from genetically engineered organisms are prohibited.
- (42) Epsom salts or magnesium sulphate.
- (43) Feather meal.

- (44) Fish emulsions. Forms which are "fortified" with urea or other synthetic plant nutrients are prohibited. Sulfuric, citric and/or phosphoric acid may be used to lower the pH to 3.5.
- (45) Fish meal.
- (46) Flame and steam weeding.
- (47) Food processing waste. Must be from a certified organic source, composted, or tested for pesticide residues of organochlorines and organophosphates. Testing of product must indicate that organochlorines and organophosphates residues are below 10 parts per billion. The department may require additional testing to ensure pesticide residues will not affect the integrity of the organic crops.
- (48) Fungal organisms.
- (49) Garlic.
- (50) Gibberellic acid. Acceptable if made from a fermentation process.
- (51) Grape, apple and other pomaces. Must be from certified organic source, composted or tested for pesticide residues of organochlorines and organophosphates. Testing of product must indicate that organochlorines and organophosphates residues are below 10 parts per billion.
- (52) Grazing.
- (53) Greensand or glauconite.
- (54) Guano, bat or bird.
- (55) Gypsum (calcium sulfate). Must be from a naturally mined source. Gypsum by-product from drywall or other sources is prohibited.
- (56) Herbal preparations. May not be extracted with synthetic solvents.
- (57) Hoof and horn meal.
- (58) Humates. Acceptable if derived from leonardite, lignite or coal.
- (59) Humic acid derivatives. Extracts from natural humates by hydrolysis or potassium hydroxide extraction are allowed. These are only acceptable if derived from a natural source and not fortified.
- (60) Hydrated lime. Foliar application as a fungicide only. Shall not be used as a liming material.
- (61) Hydrogen peroxide.
- (62) Insect extracts.
- (63) Insect traps and monitoring devices.
- (64) Kelp meal and extracts.

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- (65) Ligno sulfonates. Includes calcium lignosulfate, lignosulfonic acid and sodium lignosulfate. Allowed as a chelating agent, inert ingredient and dust suppressant.
- (66) Lime sulfur.
- (67) Lime and limestone. Naturally mined lime including dolomite lime (magnesium carbonate) and agricultural lime (calcium carbonate) are approved for use. Synthetic sources (hydrated lime) and industrial sources (cement kiln lime, spent controlled atmosphere lime) are prohibited.
- (68) Neem (azadrichtin).
- (69) Nematodes.
- (70) Manure. Uncomposted manure must not be applied within 120 days of the harvest of crops that have contact with the soil and within 90 days of the harvest of crops that do not contact the soil.
- (71) Meat meal.
- (72) Mechanical and cultural controls.
- (73) Microbial products. Microbial products cannot contain any synthetic ingredients. Genetically engineered organisms and their products are prohibited.
- (74) Mined materials. Approved mined materials include boron products, calcium chloride, kieserite, langbenite, leonardite, rock phosphate, gypsum, and greensand. Prohibited mined materials include potassium nitrate.
- (75) Mulches. The materials used to produce mulch must consist of approved materials. Approved materials include uncontaminated natural vegetation, newspaper and nonglossy paper. Prohibited materials include substances contaminated with clopyralid, picloram or other persistent pesticides, colored ink, glossy paper and waxed cardboard. Plastic mulches may be used and must not be incorporated into soil. Biodegradable paper mulch that contain fungicides or other prohibited materials are prohibited.
- (76) Mushroom compost. Must be certified organic, composted or tested for pesticide residues of organochlorines and organophosphates. Testing of product must indicate that organochlorines and organophosphates residues are below 10 parts per billion.
- (77) Peat moss. Unfortified forms only.

- (78) Perlite.
- (79) Pheromones.
- (80) Plant and fungal extracts.
- (81) Plastics for mulch, row covers, and solarization must not be incorporated into soil.
- (82) Potassium bicarbonate.
- (83) Potting soil. Must consist of approved materials. Potting soil that contains synthetic fertilizer, prohibited wetting agents or other prohibited materials is prohibited.
- (84) Predators. Cats, hawks, and coyotes.
- (85) Pumice.
- (86) Pyrethrums. Naturally occurring forms are allowed. The pyrethrums are highly unstable in the presence of air, light, and moisture. They have low mammalian toxicity and can cause dermatitis in humans. Use with caution.
- (87) Rock phosphate.
- (88) Rodent traps.
- (89) Rotenone. Use with caution. Rotenone is highly toxic to fish. Its persistence in the soil is unknown, though it loses its effectiveness within one week. Should not be used on crops nearing harvest time. Commercial rotenone comes from tropical leguminous shrubs in the genera *Lonchocarpus* and *Derris*. The active compounds, rotenoids, are present in a variety of legumes including soybeans.
- (90) Row covers. Must not be incorporated into soil.
- (91) Ryania. Use with caution. The toxicological properties of ryania are largely unknown.
- (92) Sabadilla. Use with caution.
- (93) Shells from oysters, crabs, clams and other shellfish.
- (94) Soaps. Sodium and potassium salts of fatty acids are approved. Synthetic detergents are prohibited.
- (95) Sodium nitrate. Discouraged because of high sodium content. Cannot be used as the primary source of nitrogen. Sodium nitrate can be used for up to twenty percent of total nitrogen inputs. Total nitrogen is defined as pounds of nitrogen from all sources including, in part, manure, blood meal, compost, green manures, cover crops and fishmeal.
- (96) Soil pasteurization.
- (97) Sticky traps and barriers.

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- (98) Sugar beet lime. Must be composted or tested for pesticide residues of organochlorines and organophosphates. Testing of product must indicate that organochlorines and organophosphates residues are below 10 parts per billion.
- (99) Sulfur burners. Alkaline well water may be sweetened with sulfur burners.
- (100) Sulfur, elemental.
- (101) Sulfates of zinc or iron. May be used only to correct for deficiencies determined by soil or plant tissue testing.
- (102) Sul po mag.
- (103) Summer oils. May be used on woody plants only, carrot and/or weed oils are prohibited. Must have an average fifty percent boiling point at 10mm mercury pressure between 415-470 degrees Fahrenheit.
- (104) Synthetic vitamin baits.
- (105) Trapping substances as long as they do not contain prohibited materials.
- (106) Tree seals. May be petroleum based but may not contain synthetic chemicals or fungicides.
- (107) Vegetable oils.
- (108) Vermiculite.
- (109) Vinegar.
- (110) Viruses.
- (111) Vitamin B-1.
- (112) Waxes for grafting or sealing tree wounds.
- (113) Weeder geese.
- (114) Wetting agents. Natural wetting agents including soaps, saponins and microbial wetting agents are allowed. Synthetic wetting agents are prohibited.
- (115) Wood ashes, from nonindustrial sources only.
- (116) Worm castings.
- (117) Yard waste. Yard waste from certified organic sources is approved. Yard waste from conventional sources must tested for pesticide residues of clopyralid and picloram and other persistent pesticides as appropriate. Testing of yard waste must indicate that clopyralid and picloram residues are below 1 parts per billion.

Prohibited Materials and Practices

The following materials are prohibited from use in organic crop production. In addition, all materials that are prohibited under the National Organic Program, section 205.105 are also prohibited.

- (1) Abamectin or avermectin.
- (2) Aluminum phosphide.
- (3) Alpha-Naphthylthiourea.
- (4) Ammonia products.
- (5) Anticoagulant rodent baits.
- (6) Avermectin.
- (7) Biosolids.
- (8) Broadcast burning.
- (9) Calcium cyanide.
- (10) Calcium nitrate.
- (11) Calcium oxide or quicklime.
- (12) Carbamates.
- (13) Carrot oil.
- (14) Chlorinated hydrocarbons.
- (15) Coumarins.
- (16) Cryolite or sodium fluoaluminate.
- (17) Detergents.
- (18) Dimethyl sulfoxide.
- (19) Enzymes produced from genetically engineered organisms.
- (20) Field burning.
- (21) Fortified humic acid derivatives.
- (22) Gypsum by-product from drywall and other sources.
- (23) Herbicidal soaps.
- (24) Indandiones.
- (25) Leather meal and leather by-products.
- (26) Magnesium nitrate.
- (27) Methyl bromide.
- (28) Methyl sulfoxide.
- (29) Mono-ammonium phosphate.
- (30) Moth balls/crystals.
- (31) Nicotine.
- (32) Organochlorines.
- (33) Organophosphates.
- (34) Plant protectants, synthetic.
- (35) Pyrethroids, synthetic.
- (36) Phosphoric acid.
- (37) Phosphorus.
- (38) Piperonyl butoxide.
- (39) Plant regulators, synthetic.
- (40) Potassium nitrate.
- (41) Pyriminilureas.

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WSDA Generic Materials List Crop Production

- (42) Sewage sludge.
- (43) Sodium fluoroacetate.
- (44) Soil fumigants.
- (45) Super phosphate.
- (46) Strychnine.
- (47) Synthetic chelating agents such as EDTA and HEDTA.
- (48) Synthetic fertilizers.
- (49) Synthetic fungicides, fumigants, sterilizants, and bactericides.
- (50) Synthetic growth regulators.
- (51) Synthetic herbicides.
- (52) Synthetic wetting agents.
- (53) Thallium sulfate.
- (54) Zinc phosphide.
- (55) Triple phosphate.
- (56) Urea.
- (57) Weed oils.

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WASHINGTON STATE DEPARTMENT OF AGRICULTURE

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Status	Brand Name	Company Name	Sub-Type	Туре	Restrictions
P	100% Alder Bark	UAP Northwest	Seed Protectant	Crop Production Aid	
	100707 Hadi Bark	C/ II TIOI II WOOL	Cood Frotostant	Fertilizer & Soil	
·P	100% Organic Prilled Gypsum	Agro Minerals Fertilizer	Prilled Gypsum	Amendments	
	10070 Giganio i inica Gypoani	7 tgro Willordio i Ortinzoi	т пос сурсан	Fertilizer & Soil	
\ P	Actino-Iron	Natural Industries, Inc.	Biological Soil Amendment	Amendments	
	round nen	rtatarar maaemee, mer	Diological Com / mioriament	Fertilizer & Soil	
\ P	Actinovate Soluble	Natural Industries, Inc.	Biological Soil Amendment	Amendments	
AP	Activator C	CH2O, Inc.	Chlorine Dioxide Activator	Post Harvest Material	
u	/ touvation o	01120, 1110.	Insecticide - Botanical	1 oot Hai voot Waterial	
AΡ	Agroneem	Agro Logistic Systems, Inc.	(Neem)	Disease & Pest Control	Label use only
	Agtiva Ultra/ Keg River 85%	rigio Logicalo Oyolomo, mei	(1.100)	Fertilizer & Soil	
AΡ	Degradable Elemental Sulfur	Keg River Chemical Corp.	Sulfur	Amendments	
	Dogradabio Elemental Galla.	rteg rtrer enemiear eerp.		Fertilizer & Soil	
AΡ	Alga-Fix	R & A Plant/Soil. Inc.	Biological Soil Amendment	Amendments	
"	, iiga i ix	rt a / triaing con, mo.	Biological Coll / unorial licit	Fertilizer & Soil	
AΡ	Alga-Min	R & A Plant/Soil, Inc.	Biological Soil Amendment	Amendments	
· ·	/ liga lviii i	it a /t i lang con, me.	Biological Coll 7 thenament	Fertilizer & Soil	
ΑP	Alga-Tilth	R & A Plant/Soil, Inc.	Biological Soil Amendment	Amendments	
1 Γ	Alga-Tilli	R & A Flam/Soll, Inc.	Biological Soil Americanent	Amenuments	
AP	Allityn Insect Repellent	Helena Chemical Co.	Insect Repellant - Garlic	Disease & Pest Control	Label use orbi
יר	AL-U-Grow (0-0-4) +10S	пенена опенноа со.	moed repellant - Ganic	Fertilizer & Soil	Lavel use only
AΡ	+1.5Fe (0-0-4) +10S	D.C. Minerals, Inc.	Minod Minors!	Amendments	
AP .		D.C. Minerais, Inc.	Mined Mineral		
۸.	AL-U-Grow + (0-0-2) +12.5S	D.C. Minanala, Inc.	NAI	Fertilizer & Soil	
AP .	+2.5Fe	D.C. Minerals, Inc.	Mined Mineral	Amendments	
۸.	AO 40 Diefer sielde	F In-	Fungicide - Biological	Diagram & Dagt Cantural	1 -6 -16
AP .	AQ 10 Biofungicide	Ecogen, Inc.	(Powdery Mildew)	Disease & Pest Control	Label use only
۸.۵	A	0 1 5: () ()	E: 1 B 1 1	Fertilizer & Soil	
AP .	Ascent HI-N (11-0-0)	Cascade Distributing Co.	Fish Product	Amendments	
4.5	A : D: (::1		Fungicide - Biological (Post	D: 0 D 1 O 1 I	
AP.	Aspire Biofungicide	Ecogen, Inc.	Harvest)	Disease & Pest Control	Label use only
AP	Aspire Biofungicide	Ecogen, Inc.	Biological Fungicide	Post Harvest Material	
AP	AZA-Direct	Gowan, Co.	Insecticide - Botanical (Neem)	Disease & Pest Control	Label use only Soil deficiency must be
				Fertilizer & Soil	documented b
AP	B-17 Boric Acid Spray	Nutrient Technologies, Inc.	Boron Product	Amendments	testing.
-\i	B-17 Bolic Acid Opiay	Yelm Earthworm & Castings	Boloii i loddct	Fertilizer & Soil	testing.
AΡ	Barefoot Soil	Farm	Earthworm Castings	Amendments	
			g		
AP	Basicop	Griffin LLC	Copper Product	Disease & Pest Control	Label use only
AP	Bee-Scent	Scentry Biologicals	Bee Attractant	Crop Production Aid	
	200 000.11	Tainio Technology and	200 / Kili detai it	Fertilizer & Soil	
AP	BFMS Biogenesis I (3-0-3)	Technique, Inc.	Biological Fertilizer	Amendments	
•	gco.c . (c o o)	Tainio Technology and		Fertilizer & Soil	
AP	BFMS Micro 5000 Organic (0-0-15)	Technique, Inc.	Blended Fertilizer	Amendments	
	2 whole cook organic (c o-10)	Tainio Technology and	2.5ridod i Granzoi	Fertilizer & Soil	
AΡ	BFMS Nutra Need	Technique, Inc.	Biological Soil Amendment	Amendments	
M	DI WO NUU A NEEU	Tainio Technology and	Diological Coll Americanent	Fertilizer & Soil	
AΡ	BFMS Pepzyme Clear	Technique, Inc.	Biological Soil Amendment	Amendments	
-11 ⁻	DI WO FEPZYINE CIEdi	Tainio Technology and	Diological Soil Americanent	Fertilizer & Soil	
AΡ	BFMS Spectrum	Technique, Inc.	Biological Fertilizer	Amendments	
AP	Bio-Activate	JH Biotech, Inc.	Growth Regulator		
∖ Γ	DIO-ACTIVATE	or r biotech, Inc.	Growin Regulator	Crop Production Aid	
۸D	Piganhangar	ILI Piotoch Inc	Fooding Stimulant	Diogogo & Boot Control	Lobol use sel
AP	Bioenhancer	JH Biotech, Inc.	Feeding Stimulant		Label use only
۸.D	BioGan (12-2-1) Wettable Fish	Die Oreger In-	Figh Droduct	Fertilizer & Soil	
\P	Powder	Bio-Oregon, Inc.	Fish Product	Amendments	
	D. O. (0.0.0) I	5. 6 .	E. I. B	Fertilizer & Soil	
AP .	BioGan (3-2-2) Liquid Fish Fertilizer	Bio-Oregon, Inc.	Fish Product	Amendments	
				Fertilizer & Soil	
AP	BioGan (4-3-2) Liquid Fish Fertilizer	Bio-Oregon, Inc.	Fish Product	Amendments	
				Fertilizer & Soil	
AP	BioGro (10-4-2)	Bio-Oregon, Inc.	Blended Fertilizer	Amendments	
				Fertilizer & Soil	
AP	BioGro (7-7-2)	Bio-Oregon, Inc.	Blended Fertilizer	Amendments	
				Fertilizer & Soil	
AΡ	BioGro (9-3-5)	Bio-Oregon, Inc.	Blended Fertilizer	Amendments	

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• •	D INI		ending-NOP		5
Status	Brand Name	Company Name	Sub-Type	Туре	Restrictions
					Soil deficiency
					must be
				Fertilizer & Soil	documented by
NP.	Biomin Booster (11)	JH Biotech, Inc.	Chelated Fertilizer	Amendments	testing
					Soil deficiency
					must be
				Fertilizer & Soil	documented by
AΡ	Biomin Booster (126)	JH Biotech, Inc.	Chelated Fertilizer	Amendments	testing
		,			Soil deficiency
					must be
				Fertilizer & Soil	documented by
\ P	Biomin Booster (221)	JH Biotech, Inc.	Chelated Fertilizer	Amendments	testing
·	Dienimi Bedeter (221)	orr Bioteon, me.	Circiatou i Citilizoi	7 tinonamonto	Soil deficiency
					must be
				Fertilizer & Soil	documented by
\ P	Biomin Booster (235) (2-0-0)	JH Biotech, Inc.	Chelated Fertilizer	Amendments	testing
15	Bioi11111 Booster (233) (2-0-0)	or biotech, inc.	Chelated Fertilizer	Amendments	Soil deficiency
				F4::: 9 C-:!	must be
	D: 1 D 20/ (0.0.0)			Fertilizer & Soil	documented by
\P	Biomin Boron 3% (2-0-0)	JH Biotech, Inc.	Boron Product	Amendments	testing.
					Soil deficiency
					must be
				Fertilizer & Soil	documented by
\ P	Biomin Calcium 7% (2-0-0)	JH Biotech, Inc.	Chelated Fertilizer	Amendments	testing
					Soil deficiency
					must be
				Fertilizer & Soil	documented by
AP	Biomin Copper 4% (2-0-0)	JH Biotech, Inc.	Chelated Fertilizer	Amendments	testing
					Soil deficiency
					must be
				Fertilizer & Soil	documented by
AΡ	Biomin Iron 5% (2-0-0)	JH Biotech, Inc.	Chelated Fertilizer	Amendments	testing
					Soil deficiency
					must be
				Fertilizer & Soil	documented by
AΡ	Biomin Magnesium 3% (2-0-0)	JH Biotech, Inc.	Chelated Fertilizer	Amendments	testing
-\i	Biomin Magnesium 378 (2-0-0)	or bloteen, inc.	Criciated i ertilizer	Amendments	Soil deficiency
				F4::: 9 C-:!	must be
	D: : 14 50((0.0.0)		01 1 1 1 5 17	Fertilizer & Soil	documented by
\P	Biomin Manganese 5% (2-0-0)	JH Biotech, Inc.	Chelated Fertilizer	Amendments	testing
					Soil deficiency
					must be
				Fertilizer & Soil	documented by
\ P	Biomin Zinc 7% (2-0-0)	JH Biotech, Inc.	Chelated Fertilizer	Amendments	testing
ΑP	Biorepel	JH Biotech, Inc.	Insect Repellant - Garlic	Disease & Pest Control	Label use only
		Village Farms (formerly			
ΑP	Bio-Save 10 LP	EcoScience)	Biological Fungicide	Post Harvest Material	Label use only
		Village Farms (formerly	_		
٩P	Bio-Save 100	EcoScience)	Biological Fungicide	Post Harvest Material	Label use only
		,	<u> </u>	Fertilizer & Soil	, ,
AP	BioVam	T & J Enterprises	Biological Soil Amendment	Amendments	
AP	Biozyme	JH Biotech, Inc.	Growth Regulator	Crop Production Aid	
		5 2.0.00, 110.		Fertilizer & Soil	
AP	Black Gold Phosphate (0-3-0)	Soda Springs Phosphate	Rock Phosphate	Amendments	
••	Significant Hospitale (0-0-0)	Jour Springs i nospriate	. cocci noophate	,orianionto	
AΡ	BlightBan A506	Plant Health Technologies	Microbial Product	Disease & Pest Control	Label use only
T.11 ⁻	Diigitbali A500	Ţ.		שושבמשב מ רצשו ליווווטו	Label use Utily
۸۵	Disamtima Dialogical	Northwest Agricultural	Biological Competitive	Diagona & Dart Carri	labalus!
AP	Bloomtime Biological	Products, Inc.	Agent	Disease & Pest Control	Label use only
	Bloomtime Biological (Wettable	Northwest Agricultural	Biological Competitive		
AP	Powder Formulation)	Products, Inc.	Agent	Disease & Pest Control	Label use only
					Soil deficiency
					must be
				Fertilizer & Soil	documented by
	Blu-Min Liquid Zinc Sulfate	Bay Zinc Co., Inc.	Zinc Sulfate	Amendments	testing.

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					Soil deficiency
					must be
				Fertilizer & Soil	documented by
\ P	Blu-Min Zinc Granular with Sulfur	Bay Zinc Co., Inc.	Zinc Sulfate	Amendments	testing.
					Soil deficiency
					must be
				Fertilizer & Soil	documented by
AΡ	Blu-Min Zinc-Powder with Sulfur	Bay Zinc Co., Inc.	Zinc Sulfate	Amendments	testing.
VI .	Bid Will Zine i Gwaei Will Gallai	California Organic Fertilizer,	Zine Gunate	Fertilizer & Soil	tosting.
AΡ	Bone Meal Plus (5-10-1)	Inc.	Blended Fertilizer	Amendments	
	Delle Medi i lae (e le l)		Dioridod i diamedi	7 111011011101110	
\ P	BT 320 Sulfur 25 Dust	Wilbur-Ellis Co.	Bacillus thuringiensis/ Sulfur	Disease & Pest Control	Label use only
	2. 626 Gana. 26 Bast		Zaomas aramigioneia, Canai	2.00000 0.1 001 001.11.01	Soil deficiency
					must be
		NutriAg Ltd. (Formerly		Fertilizer & Soil	documented by
۱P	Calcimax Natural	Plaaskem International LTD)	Chelated Fertilizer	Amendments	
1F	Calcillax Natural	Flaaskelli iliterriational LTD)	Chelated Fertilizer	Amendments	testing
					Soil deficiency
					must be
		Northwest Agricultural		Fertilizer & Soil	documented by
\ P	Calcium PolyAmine	Products, Inc.	Chelated Fertilizer	Amendments	testing
		Northwest Agricultural		Fertilizer & Soil	
\ P	Cal-Plex 12	Products, Inc.	Calcium Chloride	Amendments	
				Fertilizer & Soil	
AP	Calpril	Pacific Calcium, Inc.	Limestone	Amendments	
				Fertilizer & Soil	
AΡ	Canadian Mountain Gypsum	Pacific Calcium, Inc.	Gypsum	Amendments	
		Nufarm Americas, Inc.	- 51		
AΡ	Champion Wettable Powder	(Formerly Agtrol International)	Copper Product	Disease & Pest Control	I ahel use only
Pending-	Champion Wettable Fowder	Suterra, LLC (Formerly	Copper i loddet	Discuse a rest control	Label age only
NOP	CheckMate CM	Consep, Inc.)	Pheromones	Disease & Pest Control	Labol uso only
Pending-	Checkiviate Civi	Suterra, LLC (Formerly	Fileforiones	Disease & Fest Control	Label use offig
NOP	CharleMata CM MC		Dharamanaa	Discoss & Boot Control	l abal was anly
	CheckMate CM-WS	Consep, Inc.)	Pheromones	Disease & Pest Control	Label use only
Pending-	01 114 (014)(1 4000	Suterra, LLC (Formerly	D.	D: 0 D 1 O 1 I	
NOP	CheckMate CM-XL 1000	Consep, Inc.)	Pheromones	Disease & Pest Control	Label use only
Pending-		Suterra, LLC (Formerly			
NOP	CheckMate PTB-XL Dispenser	Consep, Inc.)	Pheromones	Disease & Pest Control	Label use only
AP	CJS Ethylene Filters (Sachets)	CJS Ethylene Filters	Ethylene Removal	Post Harvest Material	
AP	Clean Crop COCS WDG	UAP Northwest	Copper Product	Disease & Pest Control	Label use only
		Mirana International Natural		Fertilizer & Soil	
ΑP	Cocoa Mulch	Resources Division	Cocoa Mulch	Amendments	
	Color Guard - (only lots dated after				
٩P	12/1/00 are approved)	CH2O, Inc.	Chlorine Dioxide Activator	Post Harvest Material	
		Northwest Agricultural			
\P	Compac 500	Products, Inc.	Growth Regulator	Crop Production Aid	
					Soil deficiency
					must be
		Northwest Agricultural		Fertilizer & Soil	documented by
AΡ	Copper PolyAmine	Products, Inc.	Chelated Fertilizer	Amendments	testing
		Wright Brothers Investments,		Fertilizer & Soil	<u> </u>
AΡ	Creation Organics - Peat Moss	Inc.	Peat Moss	Amendments	
				Fertilizer & Soil	
AΡ	Crop Finish (0-0-52)	Genesis Agri Products	Sulfate of Potash	Amendments	
••	0.05 (1.11011 (0.002)	P.B.T., Inc. dba Plant BioTech,	Canalo or rotaon	,onamonto	
ΑP	Cytokin Bioregulator Concentrate	Inc.	Growth Regulator	Crop Production Aid	
vi	Sylonia Dioregulator Concentrate	P.B.T., Inc. dba Plant BioTech,	Crown regulator	Orop i Toudolion Ald	
\ D	Comer Dient Crouds Describer	,	Crowth Dogulates	Crop Droduction Aid	
\P	Cyzer Plant Growth Regulator	Inc.	Growth Regulator	Crop Production Aid	
	DC Soil Conditioner (0-0-0) +12S			Fertilizer & Soil	
\P	+7.6Fe	D.C. Minerals, Inc.	Mined Mineral	Amendments	
		Certis USA, LLC. (Formerly			
ΑP	Deliver Biological Insecticide	Thermo Trilogy Corp.)	Bacillus thuringiensis	Disease & Pest Control	Label use only
AΡ	Deny Liquid Biological Nematicide	Stine Microbial Products	Nematodes	Disease & Pest Control	Label use only
					Í
AΡ	DiPel DF	Valent BioSciences Corp.	Bacillus thuringiensis	Disease & Pest Control	Label use only
				Fertilizer & Soil	

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Otatus	Brana Hame	Company Name	ous type	Fertilizer & Soil	restrictions
νP	Dolopril	Pacific Calcium, Inc.	Limestone	Amendments	
	Воюрии	Northwest Agricultural	Limotono	Fertilizer & Soil	
P	E-325 Bloomtime Foliar Feed	Products, Inc.	Soy Broth	Amendments	
ıI.	L-323 Biodiffullie i dilai i eed	Optimum Yield, Inc (Formerly	Soy Brour	Amendments	
		Martin Marietta Technologies		Fertilizer & Soil	
ΛP	Eco-Min Natural	Corp.)	Blended Fertilizer	Amendments	
VL.	LCO-IVIIII INaturai	Corp.)	Fungicide - Botanical	Amendments	
. D	E BASE ECO	LIO Bradusta LLC	J	Disease & Pest Control	l abal uaa aabu
ι <u>P</u> ιP	E-RASE ECO	IJO Products, LLC	(Powdery Mildew)		Label use only
	Ethylene Control	Ethylene Control, Inc.	Ethylene Removal	Post Harvest Material	
νP	Falgro 4 L	Fine Agrochemicals Ltd,	Growth Regulator	Crop Production Aid	
	F 41 F	0 1 11 1		Fertilizer & Soil	
·P	Feather Tea	Regreen Solutions, Inc.	Feather Meal	Amendments	
					Soil deficiency
					must be
				Fertilizer & Soil	documented by
۱P	Ferrous Sulfate Monohydrate 31.5%	Mineral King Minerals, Inc.	Iron Sulfate	Amendments	testing.
					Soil deficiency
					must be
	Ferrous Sulfate Monohydrate			Fertilizer & Soil	documented by
.P	Granular 31.5%	Mineral King Minerals, Inc.	Iron Sulfate	Amendments	testing.
	Granular 31.5% Inc. Iron Sulfate Amendments	Soil deficiency			
					must be
				Fertilizer & Soil	documented by
·P	Fertibor	U.S. Borax, Inc.	Boron Product	Amendments	testing.
-				Fertilizer & Soil	
.P	First Choice LZN 8.50	Western Farm Service, Inc.	Blended Fertilizer	Amendments	
	THE CHOICE LETT 6.60	vvootenii i anni eerviee, me.	Bioridod i Granizor	Fertilizer & Soil	
νP	First Choice Organo-Cal	Western Farm Service, Inc.	Calcium Chloride	Amendments	
VI	Thist Choice Organo-Car	Western Farm Service, Inc.	Calcium Chloride	Fertilizer & Soil	
ΛP	Figh Agra (4.4.4)	North cost Organics Inc	Field Draduct		
NP .	Fish Agra (4-1-1)	Northeast Organics, Inc.	Fish Product	Amendments	0-11 4-6-1
					Soil deficiency
					must be
_		Northwest Agriculture Products		Fertilizer & Soil	documented by
NP.	Foli-Gro Gold Multi-Mineral	for Wilbur Ellis Co.	Chelated Fertilizer	Amendments	testing
				Fertilizer & Soil	
\P	Foli-Gro Zinc 10%	Wilbur-Ellis Co.	Zinc Sulfate	Amendments	
				Fertilizer & Soil	
۱P	Fulmax 3%	JH Biotech, Inc.	Fulvic Acid	Amendments	
۱P	Garlic Barrier AG +	Garlic Research Labs, Inc.	Insect Repellant - Garlic	Disease & Pest Control	Label use only
			Fungicide - Botanical		
۱P	GC-3	JH Biotech, Inc.	(Powdery Mildew)	Disease & Pest Control	Label use only
		,	Însecticide/Miticide -		·
NΡ	GC-Mite	JH Biotech, Inc.	Botanical (Blend)	Disease & Pest Control	Label use only
	GibGro 20% Powder Plant Growth	GibGro 20% Powder Plant			,
νP	Regulator	Growth Regulator	Growth Regulator	Crop Production Aid	
			Insect, Bird & Deer	3.0p. / / / / / / / / / / / / / / / / / / /	
νP	Go	Algro Farms	Repellant	Disease & Pest Control	I ahel use only
vi		, 1910 1 411110	ropoliant	Fertilizer & Soil	Labor ase only
ΛP	Good Stuff Gypsum	Art Wilson Co.	Gyneum	Amendments	
M ⁻	Ood Stan Gypsum	ALL VVIISULI CU.	Gypsum	Amendificitis	Coil defieles
					Soil deficiency
				F .''' 0 0 ''	must be
	0 1 150/		D D I :	Fertilizer & Soil	documented by
.P	Granubor 15%	U.S. Borax, Inc.	Boron Product	Amendments	testing.
_				Fertilizer & Soil	
ŀΡ	Granulated Feather Meal (13-0-0)	Pacific Calcium, Inc.	Feather Meal	Amendments	
					Soil deficiency
					must be
				Fertilizer & Soil	documented by
NΡ	Green Cypress Copper 5%	Monterey Chemical Co.	Chelated Fertilizer	Amendments	testing
	71 111 222				Soil deficiency
					must be
				Fertilizer & Soil	documented by
\ P	Green Cypress Crop Mix	Monterey Chemical Co.	Chelated Fertilizer	Amendments	testing
VI.	Order Oypress Orop Mix	monterey offerfilled 60.	Chiciated i citilizei	, and idinoits	waning

WASHINGTON STATE **DEPARTMENT OF** AGRICULTURE

Sorted by Brand Name

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		Pen	ding-NOP	·	
Status	Brand Name	Company Name	Sub-Type	Туре	Restrictions
\ Ρ	Cross Company Iron 50/	Mantaray Chamical Ca	Chalatad Cartilizar	Fertilizer & Soil	Soil deficiency must be documented by
AP	Green Cypress Iron 5%	Monterey Chemical Co.	Chelated Fertilizer	Amendments Fertilizer & Soil	testing Soil deficiency must be documented by
.P	Green Cypress Magnesium 4%	Monterey Chemical Co.	Chelated Fertilizer	Amendments	testing Soil deficiency must be
Р	Green Cypress Manganese 7%	Monterey Chemical Co.	Chelated Fertilizer	Fertilizer & Soil Amendments	documented by testing Soil deficiency
				Fertilizer & Soil	must be documented by
Р	Green Cypress Tree & Vine Mix	Monterey Chemical Co.	Chelated Fertilizer	Amendments	testing
				Fertilizer & Soil	Soil deficiency must be
ιP	Green Cypress Zinc 10%	Monterey Chemical Co.	Chelated Fertilizer	Amendments	documented by testing
-	Cross Cyprose Line 1070	moneray enamed cor	0.1.0.1.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0		Soil deficiency must be
.P	Green Cypress Zinc 7%	Monterey Chemical Co.	Chelated Fertilizer	Fertilizer & Soil Amendments	documented by testing
P	Green Earth Organic Bouquet Flower, Rose & Bulb Food (4-8-4)	Soil Conditioners, Inc.	Blended Fertilizer	Fertilizer & Soil Amendments Fertilizer & Soil	
Р	Green Earth Organic Complete	Soil Conditioners, Inc.	Blended Fertilizer	Amendments	
Р	Green Earth Organic Feather Meal Green Earth Organic OrganoBloom	Soil Conditioners, Inc.	Feather Meal	Fertilizer & Soil Amendments Fertilizer & Soil	
Р	(5-2-4)	Soil Conditioners, Inc.	Blended Fertilizer	Amendments	
Р	Green Earth Organic Seasons	Soil Conditioners, Inc.	Blended Fertilizer	Fertilizer & Soil Amendments	
		Greenacres Gypsum & Lime		Fertilizer & Soil	
Р	Greenacres Granular Gypsum	Co., Inc.	Gypsum	Amendments Fertilizer & Soil	
Р	Ground Crab Shell (6-8-0)	Bio-Oregon, Inc.	Crab Shell	Amendments	
Р	GSL Gemini Supreme Spray Oil	G.S. Long Co., Inc.	Horticultural Oil	Disease & Pest Control	Label use only
Р	Hendrikus Schraven Organics Complete Fertilizer (6-4-4)	Handrikus Sahrayan Organias	Plandad Fartilizar	Fertilizer & Soil Amendments	
<u> </u>	Hendrikus Schraven Organics	Hendrikus Schraven Organics	Blended Fertilizer	Fertilizer & Soil	
Р	Organobloom Fertilizer (5-2-4)	Hendrikus Schraven Organics	Blended Fertilizer	Amendments	
Р	Hendrikus Schraven Organics Seasons Turf Fertilizer (8-2-4)	Hendrikus Schraven Organics	Blended Fertilizer	Fertilizer & Soil Amendments	
ending- OP	Hercon Disrupt CM-XTRA	Aberdeen Road. Co. d.b.a. Hercon Environmental Miller Chemical & Fertilizer	Pheromones	Disease & Pest Control	Label use only
Р	Hot Sauce Animal Repellent	Corp.	Animal Repellant	Disease & Pest Control	Label use only
P	Humax 12%	JH Biotech, Inc.	Humic Acid	Fertilizer & Soil Amendments	
.P	In-Fuse O	Northwest Agricultural Products, Inc.	Irrigation Water Treatment	Crop Production Aid	
Р	Intrepid Blue Ribbon Biodynamic Fertilizer	The Center for Holistic Advanced Organic Studies	Blended Fertilizer	Fertilizer & Soil Amendments	
	T OTHIZOT	Northwest Agricultural	Dictional Citimes	Fertilizer & Soil	Soil deficiency must be documented by
P	Iron PolyAmine	Products, Inc.	Chelated Fertilizer	Amendments	testing
ending- IOP	Isomate - C Plus	Pacific BioControl Corp.	Pheromones	Disease & Pest Control	Label use only
ending- IOP ending-	Isomate - C TT	Pacific BioControl Corp.	Pheromones	Disease & Pest Control	Label use only
IOP	Isomate - CM / LR Pheromone	Pacific BioControl Corp.	Pheromones	Disease & Pest Control	Label use only

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-			ding-NOP		
Status	Brand Name	Company Name	Sub-Type	Туре	Restrictions
Pending-					
NOP	Isomate - M 100	Pacific BioControl Corp.	Pheromones	Disease & Pest Control	Label use only
ending-					
IOP	Isomate - OBLR/PLR	Pacific BioControl Corp.	Pheromones	Disease & Pest Control	Label use only
ending-					
IOP	Isomate - OBLR/PLR PLUS	Pacific BioControl Corp.	Pheromones	Disease & Pest Control	Label use only
ending-		·			,
IOP	Isomate - P Pheromone	Pacific BioControl Corp.	Pheromones	Disease & Pest Control	Label use only
\P	IVR-OX 7.5	CH2O, Inc.	Chlorine Dioxide Precursor	Post Harvest Material	zaser dee erriy
. <u></u> .Р	IVR-SAN 15	CH2O, Inc.	Chlorine Dioxide Precursor	Post Harvest Material	
NF.	IVIX-SAIN IS	Certis USA, LLC. (Formerly	Chlorine Dioxide Frecursor	FOSt Hai vest iviateriai	
_	1 1 140		B 11 11 1 1 1 1	D: 0 D 1 O 1 I	
ιP	Javelin WG	Thermo Trilogy Corp.)	Bacillus thuringiensis	Disease & Pest Control	Label use only
		Arysta LifeScience America,			
		Inc. (Formerly: Nichimen	Fungicide - Potassium		
.P	Kaligreen - Potassium Bicarbonate	America, Inc.)	Bicarbonate	Disease & Pest Control	Label use only
	Kelly Green Organic Fertilizer (2-			Fertilizer & Soil	
Р	1.50-0.24)	Global Recycling and Research	Fish Product	Amendments	
	K-Mag Granular Natural Crystals (0-	, ,		Fertilizer & Soil	
·P	0-22)	IMC USA, Inc.	Sulfate of Potash Magnesia	Amendments	
	,				
νP	Kumulus DF	Micro Flo Co.	Sulfur Product	Disease & Pest Control	I ahel use only
ıı	Numulus Di	IVIIGIO I IO CO.	Junui Fioduct		Label use only
_	Lineartena Eleve	A-h 0 0 10	Lincotton	Fertilizer & Soil	
P.	Limestone Flour	Ash Grove Cement Company	Limestone	Amendments	0 " 1 " :
					Soil deficiency
					must be
				Fertilizer & Soil	documented by
P	Liquid Solubor	U.S. Borax, Inc.	Boron Product	Amendments	testing.
	·				Soil deficiency
					must be
				Fertilizer & Soil	documented by
.P	Liquid Zino 109/	Mantaray Chamical Co	Zinc Sulfate	Amendments	
(F	Liquid Zinc 10%	Monterey Chemical Co.	Ziric Sullate	Amendments	testing.
					Soil deficiency
					must be
				Fertilizer & Soil	documented by
۱P	Magna Grow	PQ Corp.	Magnesium Sulfate	Amendments	testing
					Soil deficiency
					must be
		Northwest Agricultural		Fertilizer & Soil	documented by
·P	Magnesium PolyAmine	Products, Inc.	Chelated Fertilizer	Amendments	testing
••	magnesiam relyrumine		Circiated Fermiller	7 111101101110	Soil deficiency
					must be
		Northwest Assisultural		Fortilizar 9 Cail	
	B. A	Northwest Agricultural	01 1 1 1 5 17	Fertilizer & Soil	documented by
ιP	Manganese PolyAmine	Products, Inc.	Chelated Fertilizer	Amendments	testing
_				Fertilizer & Soil	
·P	Marizyme Fishilizer (7-1-1)	Port Organic Products	Fish Product	Amendments	
\P	Marizyme Fishilizer (7-1-1)	Port Organic Products	Fish Product		
	Marizyme Fishilizer (7-1-1) Marizyme Fishilizer (8-5-2)	Port Organic Products Port Organic Products	Fish Product	Amendments	
	,			Amendments Fertilizer & Soil	
ΛP	Marizyme Fishilizer (8-5-2)	Port Organic Products	Fish Product	Amendments Fertilizer & Soil Amendments Fertilizer & Soil	
ΛP	Marizyme Fishilizer (8-5-2) Micro 108 Soluble Biological Innoculant	Port Organic Products Natural Industries, Inc.	Fish Product	Amendments Fertilizer & Soil Amendments	
AP AP	Marizyme Fishilizer (8-5-2) Micro 108 Soluble Biological Innoculant Micro Sulf Micronized Wettable	Port Organic Products Natural Industries, Inc. Nufarm Americas, Inc.	Fish Product Biological Soil Amendment	Amendments Fertilizer & Soil Amendments Fertilizer & Soil Amendments	l shel use only
AP AP AP	Marizyme Fishilizer (8-5-2) Micro 108 Soluble Biological Innoculant	Port Organic Products Natural Industries, Inc.	Fish Product	Amendments Fertilizer & Soil Amendments Fertilizer & Soil Amendments	Label use only
AP AP	Marizyme Fishilizer (8-5-2) Micro 108 Soluble Biological Innoculant Micro Sulf Micronized Wettable	Port Organic Products Natural Industries, Inc. Nufarm Americas, Inc.	Fish Product Biological Soil Amendment	Amendments Fertilizer & Soil Amendments Fertilizer & Soil Amendments	Soil deficiency
P P	Marizyme Fishilizer (8-5-2) Micro 108 Soluble Biological Innoculant Micro Sulf Micronized Wettable	Port Organic Products Natural Industries, Inc. Nufarm Americas, Inc. (Formerly Agtrol International)	Fish Product Biological Soil Amendment	Amendments Fertilizer & Soil Amendments Fertilizer & Soil Amendments Disease & Pest Control	Soil deficiency must be
P P	Marizyme Fishilizer (8-5-2) Micro 108 Soluble Biological Innoculant Micro Sulf Micronized Wettable Sulfur	Port Organic Products Natural Industries, Inc. Nufarm Americas, Inc. (Formerly Agtrol International) Northwest Agricultural	Fish Product Biological Soil Amendment Sulfur Product	Amendments Fertilizer & Soil Amendments Fertilizer & Soil Amendments Disease & Pest Control Fertilizer & Soil	Soil deficiency must be documented by
P P	Marizyme Fishilizer (8-5-2) Micro 108 Soluble Biological Innoculant Micro Sulf Micronized Wettable	Port Organic Products Natural Industries, Inc. Nufarm Americas, Inc. (Formerly Agtrol International)	Fish Product Biological Soil Amendment	Amendments Fertilizer & Soil Amendments Fertilizer & Soil Amendments Disease & Pest Control	Soil deficiency must be
P P	Marizyme Fishilizer (8-5-2) Micro 108 Soluble Biological Innoculant Micro Sulf Micronized Wettable Sulfur	Port Organic Products Natural Industries, Inc. Nufarm Americas, Inc. (Formerly Agtrol International) Northwest Agricultural	Fish Product Biological Soil Amendment Sulfur Product	Amendments Fertilizer & Soil Amendments Fertilizer & Soil Amendments Disease & Pest Control Fertilizer & Soil	Soil deficiency must be documented by
,P ,P	Marizyme Fishilizer (8-5-2) Micro 108 Soluble Biological Innoculant Micro Sulf Micronized Wettable Sulfur	Port Organic Products Natural Industries, Inc. Nufarm Americas, Inc. (Formerly Agtrol International) Northwest Agricultural Products, Inc.	Fish Product Biological Soil Amendment Sulfur Product Chelated Fertilizer	Amendments Fertilizer & Soil Amendments Fertilizer & Soil Amendments Disease & Pest Control Fertilizer & Soil Amendments	Soil deficiency must be documented by
AP AP AP	Marizyme Fishilizer (8-5-2) Micro 108 Soluble Biological Innoculant Micro Sulf Micronized Wettable Sulfur Micro-Pak PolyAmine	Port Organic Products Natural Industries, Inc. Nufarm Americas, Inc. (Formerly Agtrol International) Northwest Agricultural	Fish Product Biological Soil Amendment Sulfur Product	Amendments Fertilizer & Soil Amendments Fertilizer & Soil Amendments Disease & Pest Control Fertilizer & Soil Amendments Fertilizer & Soil Fertilizer & Soil Fertilizer & Soil	Soil deficiency must be documented by testing
AP AP	Marizyme Fishilizer (8-5-2) Micro 108 Soluble Biological Innoculant Micro Sulf Micronized Wettable Sulfur Micro-Pak PolyAmine	Port Organic Products Natural Industries, Inc. Nufarm Americas, Inc. (Formerly Agtrol International) Northwest Agricultural Products, Inc.	Fish Product Biological Soil Amendment Sulfur Product Chelated Fertilizer	Amendments Fertilizer & Soil Amendments Fertilizer & Soil Amendments Disease & Pest Control Fertilizer & Soil Amendments Fertilizer & Soil Fertilizer & Soil Fertilizer & Soil	Soil deficiency must be documented by testing Soil deficiency
AP AP AP	Marizyme Fishilizer (8-5-2) Micro 108 Soluble Biological Innoculant Micro Sulf Micronized Wettable Sulfur Micro-Pak PolyAmine Montana Natural Rock Phosphate	Port Organic Products Natural Industries, Inc. Nufarm Americas, Inc. (Formerly Agtrol International) Northwest Agricultural Products, Inc.	Fish Product Biological Soil Amendment Sulfur Product Chelated Fertilizer	Amendments Fertilizer & Soil Amendments Fertilizer & Soil Amendments Disease & Pest Control Fertilizer & Soil Amendments Fertilizer & Soil Amendments Fertilizer & Soil Amendments	Soil deficiency must be documented by testing Soil deficiency must be
P P P P	Marizyme Fishilizer (8-5-2) Micro 108 Soluble Biological Innoculant Micro Sulf Micronized Wettable Sulfur Micro-Pak PolyAmine Montana Natural Rock Phosphate Mora-Leaf Dormant Zinc 35% with	Port Organic Products Natural Industries, Inc. Nufarm Americas, Inc. (Formerly Agtrol International) Northwest Agricultural Products, Inc. Pacific Calcium, Inc.	Fish Product Biological Soil Amendment Sulfur Product Chelated Fertilizer Rock Phosphate	Amendments Fertilizer & Soil Amendments Fertilizer & Soil Amendments Disease & Pest Control Fertilizer & Soil Amendments Fertilizer & Soil Amendments Fertilizer & Soil Amendments Fertilizer & Soil	Soil deficiency must be documented by testing Soil deficiency must be documented by
,P ,P	Marizyme Fishilizer (8-5-2) Micro 108 Soluble Biological Innoculant Micro Sulf Micronized Wettable Sulfur Micro-Pak PolyAmine Montana Natural Rock Phosphate	Port Organic Products Natural Industries, Inc. Nufarm Americas, Inc. (Formerly Agtrol International) Northwest Agricultural Products, Inc.	Fish Product Biological Soil Amendment Sulfur Product Chelated Fertilizer	Amendments Fertilizer & Soil Amendments Fertilizer & Soil Amendments Disease & Pest Control Fertilizer & Soil Amendments Fertilizer & Soil Amendments Fertilizer & Soil Amendments	Soil deficiency must be documented by testing Soil deficiency must be documented by testing.
P P P P	Marizyme Fishilizer (8-5-2) Micro 108 Soluble Biological Innoculant Micro Sulf Micronized Wettable Sulfur Micro-Pak PolyAmine Montana Natural Rock Phosphate Mora-Leaf Dormant Zinc 35% with	Port Organic Products Natural Industries, Inc. Nufarm Americas, Inc. (Formerly Agtrol International) Northwest Agricultural Products, Inc. Pacific Calcium, Inc.	Fish Product Biological Soil Amendment Sulfur Product Chelated Fertilizer Rock Phosphate	Amendments Fertilizer & Soil Amendments Fertilizer & Soil Amendments Disease & Pest Control Fertilizer & Soil Amendments Fertilizer & Soil Amendments Fertilizer & Soil Amendments Fertilizer & Soil	Soil deficiency must be documented by testing Soil deficiency must be documented by testing. Soil deficiency
P P P	Marizyme Fishilizer (8-5-2) Micro 108 Soluble Biological Innoculant Micro Sulf Micronized Wettable Sulfur Micro-Pak PolyAmine Montana Natural Rock Phosphate Mora-Leaf Dormant Zinc 35% with	Port Organic Products Natural Industries, Inc. Nufarm Americas, Inc. (Formerly Agtrol International) Northwest Agricultural Products, Inc. Pacific Calcium, Inc.	Fish Product Biological Soil Amendment Sulfur Product Chelated Fertilizer Rock Phosphate	Amendments Fertilizer & Soil Amendments Fertilizer & Soil Amendments Disease & Pest Control Fertilizer & Soil Amendments Fertilizer & Soil Amendments Fertilizer & Soil Amendments Fertilizer & Soil	Soil deficiency must be documented by testing Soil deficiency must be documented by testing.
P P P	Marizyme Fishilizer (8-5-2) Micro 108 Soluble Biological Innoculant Micro Sulf Micronized Wettable Sulfur Micro-Pak PolyAmine Montana Natural Rock Phosphate Mora-Leaf Dormant Zinc 35% with	Port Organic Products Natural Industries, Inc. Nufarm Americas, Inc. (Formerly Agtrol International) Northwest Agricultural Products, Inc. Pacific Calcium, Inc.	Fish Product Biological Soil Amendment Sulfur Product Chelated Fertilizer Rock Phosphate	Amendments Fertilizer & Soil Amendments Fertilizer & Soil Amendments Disease & Pest Control Fertilizer & Soil Amendments Fertilizer & Soil Amendments Fertilizer & Soil Amendments Fertilizer & Soil	Soil deficiency must be documented by testing Soil deficiency must be documented by testing. Soil deficiency must be
P P P	Marizyme Fishilizer (8-5-2) Micro 108 Soluble Biological Innoculant Micro Sulf Micronized Wettable Sulfur Micro-Pak PolyAmine Montana Natural Rock Phosphate Mora-Leaf Dormant Zinc 35% with Sulfur	Port Organic Products Natural Industries, Inc. Nufarm Americas, Inc. (Formerly Agtrol International) Northwest Agricultural Products, Inc. Pacific Calcium, Inc. Wilbur-Ellis Co.	Fish Product Biological Soil Amendment Sulfur Product Chelated Fertilizer Rock Phosphate Zinc Sulfate	Amendments Fertilizer & Soil Amendments Fertilizer & Soil Amendments Disease & Pest Control Fertilizer & Soil Amendments	Soil deficiency must be documented by testing Soil deficiency must be documented by testing. Soil deficiency must be documented by testing.
P P P P	Marizyme Fishilizer (8-5-2) Micro 108 Soluble Biological Innoculant Micro Sulf Micronized Wettable Sulfur Micro-Pak PolyAmine Montana Natural Rock Phosphate Mora-Leaf Dormant Zinc 35% with	Port Organic Products Natural Industries, Inc. Nufarm Americas, Inc. (Formerly Agtrol International) Northwest Agricultural Products, Inc. Pacific Calcium, Inc.	Fish Product Biological Soil Amendment Sulfur Product Chelated Fertilizer Rock Phosphate	Amendments Fertilizer & Soil Amendments Fertilizer & Soil Amendments Disease & Pest Control Fertilizer & Soil Amendments Fertilizer & Soil Amendments Fertilizer & Soil Amendments Fertilizer & Soil Amendments	Soil deficiency must be documented by testing Soil deficiency must be documented by testing. Soil deficiency

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Material Approval Pending NOP Adoption of NOSB Recommendations:

	Pending-NOP							
Status	Brand Name	Company Name	Sub-Type	Туре	Restrictions			
					Label use only.			
		Syngenta Crop Protection	Fungicide/Bactericide -		For Fire Blight			
·P	Mycoshield	(Formerly Novartis)	Antibiotic	Disease & Pest Control	Control Only			
				Fertilizer & Soil				
.P	Natural Cal - Genesis	Genesis Agri Products	Calcium Chloride	Amendments				
.P	Natural Wet	JH Biotech, Inc.	Wetting Agent	Crop Production Aid				
				Fertilizer & Soil				
۱P	Nature Safe (10-2-8)	Griffin Industries, Inc.	Blended Fertilizer	Amendments				
	, , ,			Fertilizer & Soil				
۱P	Nature Safe (12-2-0)	Griffin Industries, Inc.	Blended Fertilizer	Amendments				
	,	,		Fertilizer & Soil				
·P	Nature Safe (5-6-6)	Griffin Industries, Inc.	Blended Fertilizer	Amendments				
				Fertilizer & Soil				
NΡ	Nature Safe (8-3-5)	Griffin Industries, Inc.	Blended Fertilizer	Amendments				
	Tataro Caro (C C C)	Crimir inaddines, inci	Diolidod i diamedi	Fertilizer & Soil				
νP	Nature Safe (8-5-5)	Griffin Industries, Inc.	Blended Fertilizer	Amendments				
	Tractaro Caro (0 0 0)	Crimir induction, inc.	Bioridod i Ortilizor	Fertilizer & Soil				
ΛP	Nature Safe (9-4-0)	Griffin Industries, Inc.	Blended Fertilizer	Amendments				
u	Ivature Sale (5-4-0)	Offilia industries, inc.	Diended i entilizer	Fertilizer & Soil				
\ P	Naturala Intent Compact (1.1.2)	Pacific Coloium, Inc.	Compost					
iP	Nature's Intent - Compost (1-1-2)	Pacific Calcium, Inc.	Compost	Amendments Fertilizer & Soil				
	Nature's Intent - Grower's Blend (0-1-	D ''' O I ' I	DI 1 1 5 07					
νP	0)	Pacific Calcium, Inc.	Blended Fertilizer	Amendments				
_	Nature's Intent - Lawn, Garden, &			Fertilizer & Soil				
νP	Turf (9-3-4)	Pacific Calcium, Inc.	Blended Fertilizer	Amendments				
_				Fertilizer & Soil				
ŀΡ	Nature's Intent - Nourish (1-2.0-0.2)	Pacific Calcium, Inc.	Blended Fertilizer	Amendments				
				Fertilizer & Soil				
۱P	NC-99	Genesis Agri Products	Calcium Chloride	Amendments				
	Neemix 4.5 Botanical Agricultural	Certis USA, LLC. (Formerly	Insecticide - Botanical					
۱P	Insecticide	Thermo Trilogy Corp.)	(Neem)	Disease & Pest Control	Label use only			
Pending-								
NOP	Nomate CM Spiral	Scentry Biologicals	Pheromones	Disease & Pest Control	Label use only			
	North Pacific Organics Granulated			Fertilizer & Soil				
۱P	Feather Meal 10-0-0	North Pacific Trading	Feather Meal	Amendments				
				Fertilizer & Soil				
ŀΡ	North Pacific Organics (9-3-7)	North Pacific Trading	Blended Fertilizer	Amendments				
	North Pacific Organics Granulated	9		Fertilizer & Soil				
۱P	Steamed Bone Meal (2-14-0)	North Pacific Trading	Bone Meal	Amendments				
	, ,							
\ P	Nu-Cop 50 DF	Micro Flo Co.	Copper Product	Disease & Pest Control	Label use only			
-		Miller Chemical & Fertilizer	Spray Adjuvant -					
ΛP	Nu-Film-17	Corp.	Spreader/Sticker	Disease & Pest Control	Label use only			
	140 1 1111 17	Miller Chemical & Fertilizer	Spray Adjuvant -	Diodass a r set certifor	Labor doo orny			
ΛP	Nu-Film-P	Corp.	Spreader/Sticker	Disease & Pest Control	I ahel use only			
VI.	TWO T IIII T	Miller Chemical & Fertilizer	Opreddei/Otteker	Disease a rest control	Label asc offig			
ΛP	Nu-Lure Insect Bait	Corp.	Feeding Stimulant	Disease & Pest Control	Label use only			
\r		Corp.	reeding Stimulant	Fertilizer & Soil	Label use of liy			
	Nutra-Sul - Keg River 90%	K B: OI : 10	0 1/					
NP.	Degradable Elemental Sulfur	Keg River Chemical Corp	Sulfur	Amendments				
		CK LifeSciences Limited		F (" 0 0 "				
	NutriSmart Active Eco-Fertilizer (0-6-		B	Fertilizer & Soil				
\P	0)	Laboratory, Ltd)	Blended Fertilizer	Amendments				
_				Fertilizer & Soil				
ŀΡ	Ocean Crop Plus	Algro Farms	Kelp	Amendments				
			Spray Adjuvant -					
NP.	Ocean Gold - Organic Fish Oil	Algro Farms	Sticker/Spreader	Disease & Pest Control	Label use only			
				Fertilizer & Soil				
۱P	Ocean Harvest (12-0-0)	Algro Farms	Fish Product	Amendments				
\ P	Omni Supreme Spray	Helena Chemical Co.	Horticultural Oil	Disease & Pest Control	Label use only			
	,17		Spray Adjuvant -		,			
ΛP	Organic Adhesive Adjuvant	Monterey Chemical Co.	Extender/Sticker	Disease & Pest Control	Label use only			
	- go / tancorro / tajarant				Soil deficiency			
		i de la companya de	i i	I .	Con donoionoy			
					must he			
				Fertilizer & Soil	must be documented by			

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	Pending-NOP						
Status	Brand Name	Company Name	Sub-Type	Туре	Restrictions		
					Soil deficiency		
					must be		
	Organic BioLink All-Purpose Plus			Fertilizer & Soil	documented by		
\P	Fertilizer (3-3-3+micronutrients)	Westbridge Ag. Products	Chelated Fertilizer	Amendments	testing		
				Fertilizer & Soil			
٩P	Organic BioLink Cal Plus	Westbridge Ag. Products	Limestone	Amendments			
			Insecticide/Botanical -				
AP	Organic BioLink Insect Repellant	Westbridge Ag. Products	Garlic	Disease & Pest Control	Label use only		
					Soil deficiency		
					must be		
	Organic BioLink Micronutrient			Fertilizer & Soil	documented by		
ΑP	Fertilizer	Westbridge Ag. Products	Chelated Fertilizer	Amendments	testing		
	Organic BioLink Surfactant &		Spray Adjuvant -				
٩P	Penetrant	Westbridge Ag. Products	Spreader/Wetting Agent	Disease & Pest Control	Label use only		
		Northwest Agricultural		Fertilizer & Soil			
٩P	Organic Complexer	Products, Inc.	Humic Acid	Amendments			
ΑP	Organic Detergent C	CH2O, Inc.	Chlorine Dioxide Activator	Post Harvest Material			
		,		Fertilizer & Soil			
AP	Organic Gem	Young BioProducts	Fish Product	Amendments			
	Organic JMS Stylet-Oil (Green	3					
AΡ	Label Only)	JMS Flower Farms, Inc.	Horticultural Oil	Disease & Pest Control	Label use only		
<u></u> AP	Organic Pak II	CH2O, Inc.	Chlorine Dioxide Activator	Post Harvest Material			
			T.M. D. D. D. M. G. P. G	Fertilizer & Soil			
AΡ	Organic TRIGGRR	Westbridge Ag. Products	Kelp	Amendments			
AP	Oxine	Bio-Cide International, Inc.	Chlorine Dioxide	Post Harvest Material			
-\i	Oxine	Dio-Cide International, Inc.	Chlorine Dioxide	Fertilizer & Soil			
ΑP	Pacific Natural Liquid Fish Fertilizer	Bella Coola Fisheries	Fish Product	Amendments			
-\i	I acine Natural Liquid I isit i ertilizer	Della Coola i isrieries	I ISIT I TOUGET	Fertilizer & Soil			
ΑP	Doggo Organia Batting Sail	Peaco Peat Moss	Potting Soil	Amendments			
1 F	Peaco Organic Potting Soil	reaco real Moss	Folling Soil	Fertilizer & Soil			
۸۵	Dorfoot Blood LLC	Perfect Blend Organic 4-4-4	Dianded Certificer	Amendments			
AP	Perfect Blend LLC	Miller Chemical & Fertilizer	Blended Fertilizer	Amendments			
۸.	Discort		Fdia-Chidh	Di 9 D+ 0+	Labalina andi		
AP	Pheast	Corp.	Feeding Stimulant	Disease & Pest Control	•		
					Soil deficiency		
					must be		
	DI . DI D			Fertilizer & Soil	documented by		
AP .	Phyto-Plus Boron 3% (1-0-0)	Baicor, Inc.	Boron Product	Amendments	testing.		
					Soil deficiency		
					must be		
				Fertilizer & Soil	documented by		
AP	Phyto-Plus Calcium 5%	Baicor, Inc.	Chelated Fertilizer	Amendments	testing		
					Soil deficiency		
					must be		
				Fertilizer & Soil	documented by		
4P	Phyto-Plus Cobalt 3%	Baicor, Inc.	Chelated Fertilizer	Amendments	testing		
					Soil deficiency		
					must be		
				Fertilizer & Soil	documented by		
٩P	Phyto-Plus Copper 5%	Baicor, Inc.	Chelated Fertilizer	Amendments	testing		
					Soil deficiency		
					must be		
				Fertilizer & Soil	documented by		
AΡ	Phyto-Plus Iron 8%	Baicor, Inc.	Chelated Fertilizer	Amendments	testing		
					Soil deficiency		
					must be		
				Fertilizer & Soil	documented by		
AΡ	Phyto-Plus Magnesium 2.5%	Baicor, Inc.	Chelated Fertilizer	Amendments	testing		
	, , , , , , , , , , , , , , , , , , , ,				Soil deficiency		
					must be		
				Fertilizer & Soil	documented by		
AP	Phyto-Plus Manganese 5%	Baicor, Inc.	Chelated Fertilizer		testing		
TII"	i nyto-rius manganese 576	DaioUI, IIIO.	Orielated Fertilizer	Amendments			
					Soil deficiency		
		The state of the s			must be		
				Contiliana O Call	doorus + 11		
AP	Phyto-Plus Micro-Plenty	Baicor, Inc.	Chelated Fertilizer	Fertilizer & Soil Amendments	documented by testing		

WASHINGTON STATE **DEPARTMENT OF** AGRICULTURE

Sorted by Brand Name

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Status Key:

Approved Material for Organic Use: AP

Denied Registration: **DENIED**

Status	Brand Name	Company Name	Sub-Type	Туре	Restrictions
		- Company control		-71	Soil deficiency
					must be
				Fertilizer & Soil	documented by
۱P	Phyto-Plus Molybdenum 3%	Baicor, Inc.	Chelated Fertilizer	Amendments	testing
NF.	Filyto-Flus Molybaerlain 378	Balcol, Ilic.	Cherated Fertilizer	Amendments	
					Soil deficiency
					must be
				Fertilizer & Soil	documented by
\P	Phyto-Plus Zinc 5%	Baicor, Inc.	Chelated Fertilizer	Amendments	testing
			Mined Trace Mineral		
			Fertilizer (Ca, Mg, S, B, Fe,	Fertilizer & Soil	
\ P	Planters II	Algro Farms	Co, Mo)	Amendments	
	Plantshield Biological Foliar and	3	Fungicide - Biological		
AΡ	Root Fungicide	BioWorks, Inc.	(Foliar, Root, Soil)	Disease & Pest Control	I ahel use only
	Treat i ungialdo	Biovverne, me.	(Foliar, Froot, Con)	Fertilizer & Soil	Labor add drify
۸.۵	Dalah arad M	Al	Diele eieel Ceil Americant		
AP .	Polybond N	Algro Farms	Biological Soil Amendment	Amendments	
	Power Plant Fish Emulsion			Fertilizer & Soil	
\P	Concentrate (4-1-1)	Multi-Marketing Corp.	Fish Product	Amendments	
				Fertilizer & Soil	
AΡ	Power Plant Folisyn	Multi-Marketing Corp.	Humic Acid	Amendments	
	·	<u> </u>		Fertilizer & Soil	
\ P	Power Plant Kelp	Multi-Marketing Corp.	Kelp	Amendments	
••	Power Plant Super Fish Emulsion	a.ii mantoung oorp.		Fertilizer & Soil	
۸D	·	Multi Marketine Co-	Figh Broduct		
AP	Concentrate (5-1-1)	Multi-Marketing Corp.	Fish Product	Amendments	
		Pierce County Recycling,			
		Composting and Disposal dba		Fertilizer & Soil	
AP	PREP Compost / Bulk	Land Recovery, Inc.	Compost	Amendments	
		California Organic Fertilizer,		Fertilizer & Soil	
٩P	Pre-Plant Plus (7-5-7)	Inc.	Blended Fertilizer	Amendments	
	,				Soil deficiency
					must be
		Nutri A or Ltd. (Forms ord)		Fertilizer & Soil	
	5 5 45	NutriAg Ltd. (Formerly			documented by
AP	Pro Bor 17	Plaaskem International LTD)	Boron Product	Amendments	testing.
ΑP	Pro Gibb Plus 2X	Valent BioSciences Corp.	Growth Regulator	Crop Production Aid	
		Northwest Agriculture Products		Fertilizer & Soil	
AΡ	Pro Natural Boron	for Wilbur Ellis Co.	Chelated Fertilizer	Amendments	
					Soil deficiency
					must be
		Northwest Agriculture Products		Fertilizer & Soil	documented by
۸.D	Dro Notural Calaium	•	Chalatad Fartilizar		
AP .	Pro Natural Calcium	for Wilbur Ellis Co.	Chelated Fertilizer	Amendments	testing
					Soil deficiency
					must be
		Northwest Agriculture Products		Fertilizer & Soil	documented by
AΡ	Pro Natural Copper	for Wilbur Ellis Co.	Chelated Fertilizer	Amendments	testing
	• •				Soil deficiency
					must be
		Northwest Agriculture Products		Fertilizer & Soil	documented by
۸D	Dro Notural Iron	for Wilbur Ellis Co.	Chalated Fartilina		,
\P	Pro Natural Iron	IOI VVIIDUF EIIIS CO.	Chelated Fertilizer	Amendments	testing
					Soil deficiency
					must be
		Northwest Agriculture Products		Fertilizer & Soil	documented by
AΡ	Pro Natural Magnesium	for Wilbur Ellis Co.	Chelated Fertilizer	Amendments	testing
	Ĭ				Soil deficiency
					must be
		Northwest Agriculture Products		Fertilizer & Soil	documented by
۸D	Dro Notural Managanasa	· ·	Chalated Fortilines		,
NP.	Pro Natural Manganese	for Wilbur Ellis Co.	Chelated Fertilizer	Amendments	testing
					Soil deficiency
					must be
		Northwest Agriculture Products		Fertilizer & Soil	documented by
AΡ	Pro Natural Zinc	for Wilbur Ellis Co.	Chelated Fertilizer	Amendments	testing
				Fertilizer & Soil	3
AΡ	Promot Biological Inoculum	JH Biotech, Inc.	Biological Soil Amendment	Amendments	
	<u> </u>	·			
Α P	Purogene	Bio-Cide International, Inc.	Chlorine Dioxide	Post Harvest Material	
	Pyganic Crop Protection EC 1.4		Insecticide -Botanical		
		111017 0	(Durathrina)	Diagona & Doot Control	I obol ugo only
AΡ	(reformulation)	MGK, Co.	(Pyrethrins)	Disease & Pest Control	Label use offig
AP .	(reformulation)	MGK, Co.	Insecticide -Botanical	Disease & Fest Control	Label use only

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Status	Brand Name	Company Name	Pending-NOP Sub-Type	Туре	Restrictions
Status	Dianu Name	Company Name	Insecticide -Botanical	ı ype	Restrictions
AP	Pyganic Crop Protection EC 5.0 II	MGK, Co.	(Pyrethrins)	Disease & Pest Control	Label use only
	Quintox Rat and Mouse Bait -			D	
AP AP	PELLETS ReTain	Bell Laboratories, Inc.	Rodenticide	Disease & Pest Control Crop Production Aid	Label use only
17	ReTain	Valent BioSciences Corp.	Growth Regulator	Crop Production Aid	
AP	Rex Lime Sulfur Solution	OR-CAL, Inc.	Lime Sulfur	Disease & Pest Control	Label use only Soil deficiency must be
AP	RNA Kraft Lignosulfonate Complexed 9% Zinc	RNA Corp.	Chelated Fertilizer	Fertilizer & Soil Amendments	documented by testing
AP	RootShield Granules	BioWorks, Inc.	Fungicide - Biological (Soil)	Disease & Pest Control Fertilizer & Soil	Label use only
AΡ	RSA - Liqui-Cal	RSA MicroTech, Inc.	Calcium Chloride	Amendments	
AP	RSA - Liquid Copper 5%	RSA MicroTech, Inc.	Chelated Fertilizer	Fertilizer & Soil Amendments	Soil deficiency must be documented by testing Soil deficiency
AP	RSA - Liquid Field Crop Mix	RSA MicroTech, Inc.	Chelated Fertilizer	Fertilizer & Soil Amendments	must be documented by testing
AP	RSA - Liquid Manganese 5%	RSA MicroTech, Inc.	Chelated Fertilizer	Fertilizer & Soil Amendments	Soil deficiency must be documented by testing
u	TOX Elqua manganoso 070	Trov vinoro rosai, mo.	Oriolated Fortunger	Fertilizer & Soil	Soil deficiency must be
AP	RSA - Liquid Zinc 7%	RSA MicroTech, Inc.	Chelated Fertilizer	Amendments	documented by testing Soil deficiency
AP	Ruffin-Tuff - Copper 5-G	RSA MicroTech, Inc.	Chelated Fertilizer	Fertilizer & Soil Amendments	must be documented by testing
AP	Ruffin-Tuff - Crop Mix I	RSA MicroTech, Inc.	Chelated Fertilizer	Fertilizer & Soil Amendments	Soil deficiency must be documented by testing
AP	Ruffin-Tuff - Crop Mix II	RSA MicroTech, Inc.	Chelated Fertilizer	Fertilizer & Soil Amendments	Soil deficiency must be documented by testing Soil deficiency must be
AP	Ruffin-Tuff - Iron 10-G	RSA MicroTech, Inc.	Chelated Fertilizer	Fertilizer & Soil Amendments	documented by testing
AP	Ruffin-Tuff - Manganese 8-G	RSA MicroTech, Inc.	Chelated Fertilizer	Fertilizer & Soil Amendments	Soil deficiency must be documented by testing
· u	ramii i wanganese 0-0	TOTAMOROTOGI, IIIC.	OTIGIALOG T GLUIZGI	Fertilizer & Soil	Soil deficiency must be documented by
AP	Ruffin-Tuff - Zinc 10-G	RSA MicroTech, Inc.	Chelated Fertilizer Fungicide - Biological	Amendments	testing
AP	Serenade *Green Label only	AgraQuest, Inc.	(Plant)	Disease & Pest Control	Label use only
				Fertilizer & Soil	Soil deficiency must be documented by
AP	Solubor	U.S. Borax, Inc.	Boron Product	Amendments	testing. Soil deficiency must be
AP	Solubor DF	U.S. Borax, Inc.	Boron Product	Fertilizer & Soil Amendments	documented by testing.

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		Pend	ding-NOP	•	
Status	Brand Name	Company Name	Sub-Type	Туре	Restrictions
					Soil deficiency
					must be
		NutriAg Ltd. (Formerly	5 5	Fertilizer & Soil	documented by
\P	Spraybor	Plaaskem International LTD)	Boron Product	Amendments	testing.
	Steam Boat Island Worm Farm's -		Worm Castings and Live	Fertilizer & Soil	
\P	Worm Castings	Steam Boat Island Worm Farm	Worms	Amendments	
۸.۵	Ota and all David Marel (4.44.0)	Danifia Calaissa Isa	Dana Maal	Fertilizer & Soil	
AP .	Steamed Bone Meal (1-14-0)	Pacific Calcium, Inc. Acadian AgriTech (Division of	Bone Meal	Amendments	
AΡ	Stimpley	Acadian Seaplants Limited)	Crop Biostimulant	Crop Production Aid	Label use only
AP	Stimplex Storox	BioSafe Systems	Hydrogen Dioxide	Post Harvest Material	Label use only
₹	Storox	biodale dysterns	Trydrogen bloxide	r ust i lai vest iviateriai	Label use Only
AΡ	Sulfur DF	Wilbur-Ellis Co.	Sulfur Product	Disease & Pest Control	Label use only
		California Organic Fertilizer,		Fertilizer & Soil	
AP	Super "N" (12-0-0)	Inc.	Feather Meal	Amendments	
Λ P	Super Fresh	Ethylene Control, Inc.	Ethylene Removal	Post Harvest Material	
AΡ	Superior Spray Oil NW	Wilbur-Ellis Co.	Horticultural Oil	Disease & Pest Control	Label use only
		Northwest Agricultural	Spray Adjuvant -		
AP	Surfact 50	Products, Inc.	Spreader/Wetting Agent	Disease & Pest Control	Label use only
AP	Surround CF Crop Protectant	Engelhard Corp.	Particle Film	Disease & Pest Control	Label use only
	Surround Crop Protectant * Note: M-				
	03 Spreader/sticker is also				
	approved. According to the label, M-				
	03 can only be used with Surround	_ "	5 5	D	
AP	or M-97-009.	Engelhard Corp.	Particle Film	Disease & Pest Control	Label use only
۸.۵	Comment WD Comm Double stand	Family and Com	Destinia Film	Diagram & Dagt Cantural	Labalinas auto
AP	Surround WP Crop Protectant	Engelhard Corp.	Particle Film	Disease & Pest Control	Label use only
AΡ	T-22 Planter Box Biological Fungicide	Dio Works Inc	Fungicide - Biological (Soil & Seed)	Disease & Pest Control	Labal usa anlu
AP	Fungicide	BioWorks, Inc.	& Seed)	Fertilizer & Soil	Label use only
AΡ	Tiger Organic - Sulfur 90%	Tiger Industries	Sulfur	Amendments	
٩٢	riger Organic - Sulfur 90%	riger industries	Sullui	Amenaments	
			Spray Adjuvant - Buffer		
AP	Tri-Fol	Wilbur-Ellis Co.		Disease & Pest Control	Lahel use only
	Trilogy Broad Spectrum	Certis USA, LLC. (Formerly	opray a resumeation rigorit	Dicodo a i coi control	Labor acc orny
AP	Fungicide/Miticide	Thermo Trilogy Corp.)	Fungicide/Miticide - Neem	Disease & Pest Control	Label use only
	J a car	Miller Chemical & Fertilizer	J. J. L.		,
AP	Vapor Gard	Corp.	Anti-Transpirant	Disease & Pest Control	Label use only
		California Organic Fertilizer,	·	Fertilizer & Soil	
٩P	Veggie Mix (8-5-1)	Inc.	Blended Fertilizer	Amendments	
	Vital Earth Resources Organic			Fertilizer & Soil	
ΑP	Vitazyme	Vital Earth Resources	Biological Soil Amendment	Amendments	
		Midwestern Bio-Ag (formerly		Fertilizer & Soil	
AP	Vol Cana Phos	R.O.W. Enterprises)	Rock Phosphate	Amendments	
		Walt's Organic Fertilizer Co.,		Fertilizer & Soil	
AP	Walt's Agricultural Gypsum	Inc.	Gypsum	Amendments	
		Walt's Organic Fertilizer Co.,		Fertilizer & Soil	
AP	Walt's Agricultural Limestone Flour	Inc.	Limestone	Amendments	
۸.	Molto Alfolfo Mool (4.4.0)	Walt's Organic Fertilizer Co.,	Alfalfa Maal	Fertilizer & Soil	
AP	Walt's Alfalfa Meal (1-1-8)	Inc.	Alfalfa Meal	Amendments	
ΑP	Walt's Container Plant Food (4.4.4)	Walt's Organic Fertilizer Co.,	Plandad Fartilizar	Fertilizer & Soil	
47	Walt's Container Plant Food (4-4-4)	Inc. Walt's Organic Fertilizer Co.,	Blended Fertilizer	Amendments Fertilizer & Soil	
ΑP	Walt's Cotton Seed Meal (4-3-6)	Inc.	Cotton Seed Meal	Amendments	
M	vvait 3 Oution Seed Wedi (4-3-0)	Walt's Organic Fertilizer Co.,	COLLOTT GEEN INIERI	Fertilizer & Soil	1
ΑP	Walt's Crab Meal (2-1-11)	Inc.	Crab Meal	Amendments	
	Tan S ordo Modi (Z 1 11)	Walt's Organic Fertilizer Co.,	J. GD IVIOGI	Fertilizer & Soil	
AP	Walt's Earthnut Blend (1-7-0)	Inc.	Blended Fertilizer	Amendments	
	The Design of the Control of the Con	Walt's Organic Fertilizer Co.,	5aca . Orun201	Fertilizer & Soil	
	Walt's Fish Bone Meal (4-17-1)	Inc.	Fish Bone Meal	Amendments	
AΡ				Fertilizer & Soil	
AP	Traite Field Belle ineal (First)	Walt's Organic Fertilizer Co.,		I CILIIZEI & JUII	
		Walt's Organic Fertilizer Co., Inc.	Fish Product		
AP AP	Walt's Fish Meal (10-6-0)		Fish Product	Amendments Fertilizer & Soil	

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		Pending-NOP				
Status	Brand Name	Company Name	Sub-Type	Туре	Restrictions	
		Walt's Organic Fertilizer Co.,		Fertilizer & Soil		
۱P	Walt's Organic Mushroom Compost	Inc.	Compost	Amendments		
	Walt's Organic Weed Stopper Plus	Walt's Organic Fertilizer Co.,	Corn Gluten -(Weed			
۱P	(10-0-1)	Inc.	Suppression)	Disease & Pest Control	Label use only	
	Walt's Organic Weed Stopper Plus	Walt's Organic Fertilizer Co.,		Fertilizer & Soil		
NΡ	(10-0-1)	Inc.	Corn Gluten	Amendments		
	Walt's Rainy Pacific NW Blend (7-4-	Walt's Organic Fertilizer Co.,		Fertilizer & Soil		
۱P	9)	Inc.	Blended Fertilizer	Amendments		
		Walt's Organic Fertilizer Co.,		Fertilizer & Soil		
۱P	Walt's Regular Feed (9-3-5)	Inc.	Blended Fertilizer	Amendments		
		Walt's Organic Fertilizer Co.,		Fertilizer & Soil		
\ P	Walt's Starter Feed (7-7-2)	Inc.	Blended Fertilizer	Amendments		
	,					
Α P	Wilbur Ellis Dusting Sulfur	Wilbur-Ellis Co.	Sulfur Product	Disease & Pest Control	Label use only	
	Jan				,	
\ P	Wil-Gro Hort Oil 98-2	Wilbur-Ellis Co.	Horticultural Oil	Disease & Pest Control	Label use only	
				Fertilizer & Soil	,	
ΛP	Wil-Gro Proganic (8-2-4)	Wilbur-Ellis Co.	Blended Fertilizer	Amendments		
	3, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,			Fertilizer & Soil		
۱P	Wonder Green	Cito Enterprises, Inc.	Biological Soil Amendment	Amendments		
	Yellowstone Brand Disintegrating	Cite Zineipiided, iiidi	Diological Com / milorialilone	Fertilizer & Soil		
۱P	90% Sulfur	Montana Sulfur & Chemical Co.	Elemental Sulfur	Amendments		
	Yellowstone Brand High Purity Sulfur	mentana sanar a sinemisar sa		Fertilizer & Soil		
۱P	Prills	Montana Sulfur & Chemical Co.	Elemental Sulfur	Amendments		
					Soil deficiency	
					must be	
		NutriAg Ltd. (Formerly		Fertilizer & Soil	documented by	
ΛP	Zinc Max	Plaaskem International LTD)	Chelated Fertilizer	Amendments	testing	
	Zino Wax	radonom momanoria E15)	Cholatou i chimzon	ranonamonto	Soil deficiency	
					must be	
		Northwest Agricultural		Fertilizer & Soil	documented by	
·P	Zinc PolyAmine	Products. Inc.	Chelated Fertilizer	Amendments	testing	
VI	Zine i Giyitimie	roducts, me.	Officiated Fertilizer	Amendments	Soil deficiency	
					must be	
				Fertilizer & Soil	documented by	
νP	Zinc Sulfate Monohydrate 35.5%	Mineral King Minerals, Inc.	Zinc Sulfate	Amendments	testing.	
VI	Zinc Gunate Monoriyurate 33.3%	ivilierai Killy ivilierais, IIIC.	Zinc Guilate	Amenumenta	Soil deficiency	
					must be	
	Zina Sulfata Manahudrata Cranular			Fertilizer & Soil	documented by	
\D	Zinc Sulfate Monohydrate Granular 35.5%	Minoral King Minorala Iss	Zina Sulfata		,	
\P	33.3%	Mineral King Minerals, Inc.	Zinc Sulfate	Amendments	testing.	

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Status	Type of Product	Sub-Type	Pending-NOP Brand Name	Company	Restrictions
AP	Crop Production Aid	Bee Attractant	Bee-Scent	Company Scentry Biologicals	Restrictions
AF	Crop Froduction Aid	Dee Attractant	Dee-Scent	Scentry Biologicals	
AP	Crop Production Aid	Biological Soil Amendment	Mycormax	JH Biotech, Inc.	
	0.001.100000017.110	Zielegieur Cen / mierianien	yooax	Acadian AgriTech (Division	
				of Acadian Seaplants	
AP	Crop Production Aid	Crop Biostimulant	Stimplex	Limited)	Label use only
AP	Crop Production Aid	Growth Regulator	Bio-Activate	JH Biotech, Inc.	•
AP	Crop Production Aid	Growth Regulator	Biozyme	JH Biotech, Inc.	
				Northwest Agricultural	
AP	Crop Production Aid	Growth Regulator	Compac 500	Products, Inc.	
				P.B.T., Inc. dba Plant	
AP	Crop Production Aid	Growth Regulator	Cytokin Bioregulator Concentrate	BioTech, Inc.	
4 D	One of Decade at least Aid	Countly Described	O Black Ossith Basiletes	P.B.T., Inc. dba Plant	
AP	Crop Production Aid	Growth Regulator	Cyzer Plant Growth Regulator GibGro 20% Powder Plant Growth	BioTech, Inc.	
AP	Crop Production Aid	Growth Regulator	Regulator	GibGro 20% Powder Plant Growth Regulator	
AP	Crop Production Aid	Growth Regulator	Pro Gibb Plus 2X	Valent BioSciences Corp.	
AP	Crop Production Aid	Growth Regulator	ReTain	Valent BioSciences Corp.	
AP	Crop Production Aid	Growth Regulator	Falgro 4 L	Fine Agrochemicals Ltd,	
	2.36.1.00000017110	2.2	g · -	Northwest Agricultural	
AP	Crop Production Aid	Irrigation Water Treatment	In-Fuse O	Products, Inc.	
AP	Crop Production Aid	Seed Protectant	100% Alder Bark	UAP Northwest	
AP	Crop Production Aid	Wetting Agent	Natural Wet	JH Biotech, Inc.	
	,	<u> </u>		Miller Chemical & Fertilizer	
AP	Disease & Pest Control	Animal Repellant	Hot Sauce Animal Repellent	Corp.	Label use only
				Miller Chemical & Fertilizer	
AP	Disease & Pest Control	Anti-Transpirant	Vapor Gard	Corp.	Label use only
				Certis USA, LLC. (Formerly	
AP	Disease & Pest Control	Bacillus thuringiensis	Deliver Biological Insecticide	Thermo Trilogy Corp.)	Label use only
AP	Disease & Pest Control	Bacillus thuringiensis	DiPel DF	Valent BioSciences Corp.	Label use only
4.5	D: 0 D + 0 + 1	5	1 1: 140	Certis USA, LLC. (Formerly	
AP	Disease & Pest Control	Bacillus thuringiensis	Javelin WG	Thermo Trilogy Corp.)	Label use only
AP	Disease & Pest Control	Bacillus thuringiensis/ Sulfur	BT 320 Sulfur 25 Dust	Wilbur-Ellis Co.	Label use only
AF	Disease & Fest Control	Biological Competitive	B1 320 Sullul 23 Dust	Northwest Agricultural	Label use only
AP	Disease & Pest Control	Agent	Bloomtime Biological	Products, Inc.	Label use only
/ \l	Discuse a rest control	Biological Competitive	Bloomtime Biological (Wettable Powder	Northwest Agricultural	Laber asc only
AP	Disease & Pest Control	Agent	Formulation)	Products, Inc.	Label use only
AP	Disease & Pest Control	Copper Product	Basicop	Griffin LLC	Label use only
				Nufarm Americas, Inc.	,
				(Formerly Agtrol	
AP	Disease & Pest Control	Copper Product	Champion Wettable Powder	International)	Label use only
AP	Disease & Pest Control	Copper Product	Clean Crop COCS WDG	UAP Northwest	Label use only
AP	Disease & Pest Control	Copper Product	Nu-Cop 50 DF	Micro Flo Co.	Label use only
		Corn Gluten -(Weed	Walt's Organic Weed Stopper Plus (10-0-	Walt's Organic Fertilizer Co.,	
AP	Disease & Pest Control	Suppression)	1)	Inc.	Label use only
AP	Disease & Pest Control	Feeding Stimulant	Bioenhancer	JH Biotech, Inc.	Label use only
A.D.	Di 0 D + O + +	For diam Office 1	Nic Lore Incort Dail	Miller Chemical & Fertilizer	Labatas
AP	Disease & Pest Control	Feeding Stimulant	Nu-Lure Insect Bait	Corp. Miller Chemical & Fertilizer	Label use only
۸D	Disease & Boot Control	Ecoding Stimulant	Pheast		Laboluca ank
AP	Disease & Pest Control	Feeding Stimulant Fungicide - Biological	Plantshield Biological Foliar and Root	Corp.	Label use only
AP	Disease & Pest Control	(Foliar, Root, Soil)	Fungicide	BioWorks, Inc.	Label use only
	2.30000 Q 1 001 0011101	Fungicide - Biological		D. S. Tromo, mo.	_abor doc orny
AP	Disease & Pest Control	(Plant)	Serenade *Green Label only	AgraQuest, Inc.	Label use only
-		Fungicide - Biological (Post		J	
AP	Disease & Pest Control	Harvest)	Aspire Biofungicide	Ecogen, Inc.	Label use only
		Fungicide - Biological	,	3 - , -	
AP	Disease & Pest Control	(Powdery Mildew)	AQ 10 Biofungicide	Ecogen, Inc.	Label use only
		Fungicide - Biological (Soil			·
AP	Disease & Pest Control	& Seed)	T-22 Planter Box Biological Fungicide	BioWorks, Inc.	Label use only
AP	Disease & Pest Control	Fungicide - Biological (Soil)	RootShield Granules	BioWorks, Inc.	Label use only
		Fungicide - Botanical			
AP	Disease & Pest Control	(Powdery Mildew)	E-RASE ECO	IJO Products, LLC	Label use only

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AP	Disease & Pest Control	Fungicide - Botanical (Powdery Mildew)	GC-3	JH Biotech, Inc.	Label use only	
7 ti	Discuse a Fest Control	Fungicide - Potassium		Arysta LifeScience America, Inc. (Formerly: Nichimen	Laber use orny	
AP	Disease & Pest Control	Bicarbonate	Kaligreen - Potassium Bicarbonate	America, Inc.)	Label use only	
AP	Disease & Pest Control	Fungicide/Bactericide - Antibiotic	Mycoshield	Syngenta Crop Protection (Formerly Novartis)	Label use only. For Fire Blight Control Only	
				Certis USA, LLC. (Formerly		
AP AP	Disease & Pest Control Disease & Pest Control	Fungicide/Miticide - Neem Horticultural Oil	Trilogy Broad Spectrum Fungicide/Miticide GSL Gemini Supreme Spray Oil	Thermo Trilogy Corp.) G.S. Long Co., Inc.	Label use only	
AP	Disease & Pest Control	Horticultural Oil	Omni Supreme Spray	Helena Chemical Co.	Label use only	
	Diocaco a i coi control	Tiornounciral On	Organic JMS Stylet-Oil (Green Label	Troidia Gridinida GG.	Labor doc only	
AP	Disease & Pest Control	Horticultural Oil	Only)	JMS Flower Farms, Inc.	Label use only	
AP	Disease & Pest Control	Horticultural Oil	Superior Spray Oil NW	Wilbur-Ellis Co.	Label use only	
AP	Disease & Pest Control	Horticultural Oil	Wil-Gro Hort Oil 98-2	Wilbur-Ellis Co.	Label use only	
AP	Disease & Pest Control	Insect Repellant - Garlic	Allityn Insect Repellent	Helena Chemical Co.	Label use only	
AP	Disease & Pest Control	Insect Repellant - Garlic	Biorepel	JH Biotech, Inc.	Label use only	
AP	Disease & Pest Control	Insect Repellant - Garlic Insect, Bird & Deer	Garlic Barrier AG +	Garlic Research Labs, Inc.	Label use only	
AP	Disease & Pest Control	Repellant	Go	Algro Farms	Label use only	
AP	Disease & Pest Control	Insecticide - Botanical (Neem) Insecticide - Botanical	Agroneem	Agro Logistic Systems, Inc.	Label use only	
AP	Disease & Pest Control	(Neem)	AZA-Direct	Gowan, Co.	Label use only	
AP	Disease & Pest Control	Insecticide - Botanical (Neem)	Neemix 4.5 Botanical Agricultural Insecticide	Certis USA, LLC. (Formerly Thermo Trilogy Corp.)	Label use only	
		Insecticide -Botanical	Pyganic Crop Protection EC 1.4			
AP	Disease & Pest Control	(Pyrethrins) Insecticide -Botanical	(reformulation)	MGK, Co.	Label use only	
AP	Disease & Pest Control	(Pyrethrins) Insecticide -Botanical	Pyganic Crop Protection EC 1.4 II	MGK, Co.	Label use only	
AP	Disease & Pest Control	(Pyrethrins) Insecticide/Botanical -	Pyganic Crop Protection EC 5.0 II	MGK, Co.	Label use only	
AP	Disease & Pest Control	Garlic Insecticide/Miticide -	Organic BioLink Insect Repellant	Westbridge Ag. Products	Label use only	
AP	Disease & Pest Control	Botanical (Blend)	GC-Mite	JH Biotech, Inc.	Label use only	
AP	Disease & Pest Control	Lime Sulfur	Rex Lime Sulfur Solution	OR-CAL, Inc.	Label use only	
AP	Disease & Pest Control	Microbial Product	BlightBan A506	Plant Health Technologies	Label use only	
AP	Disease & Pest Control	Nematodes	Deny Liquid Biological Nematicide	Stine Microbial Products	Label use only	
AP	Disease & Pest Control	Particle Film	Surround CF Crop Protectant Surround Crop Protectant * Note: M-03 Spreader/sticker is also approved. According to the label, M-03 can only be	Engelhard Corp.	Label use only	
AP	Disease & Pest Control	Particle Film	used with Surround or M-97-009.	Engelhard Corp.	Label use only	
AP Pending-	Disease & Pest Control	Particle Film	Surround WP Crop Protectant	Engelhard Corp. Suterra, LLC (Formerly	Label use only	
NOP	Disease & Pest Control	Pheromones	CheckMate CM	Consep, Inc.)	Label use only	
Pending- NOP	Disease & Pest Control	Pheromones	CheckMate CM-WS	Suterra, LLC (Formerly Consep, Inc.)	Label use only	
Pending- NOP	Disease & Pest Control	Pheromones	CheckMate CM-XL 1000	Suterra, LLC (Formerly Consep, Inc.)	Label use only	
Pending- NOP	Disease & Pest Control	Pheromones	CheckMate PTB-XL Dispenser	Suterra, LLC (Formerly Consep, Inc.)	Label use only	
Pending- NOP	Disease & Pest Control	Pheromones	Hercon Disrupt CM-XTRA	Aberdeen Road. Co. d.b.a. Hercon Environmental	Label use only	
Pending- NOP	Disease & Pest Control	Pheromones	Isomate - C Plus	Pacific BioControl Corp.	Label use only	
Pending- NOP	Disease & Pest Control	Pheromones	Isomate - C TT	Pacific BioControl Corp.	Label use only	
Pending- NOP Pending-	Disease & Pest Control	Pheromones	Isomate - CM / LR Pheromone	Pacific BioControl Corp.	Label use only	
NOP Pending-	Disease & Pest Control	Pheromones	Isomate - M 100	Pacific BioControl Corp.	Label use only	
NOP	Disease & Pest Control	Pheromones	Isomate - OBLR/PLR	Pacific BioControl Corp.	Label use only	

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Pending- NOP	Disease & Pest Control	Pheromones	Isomate - OBLR/PLR PLUS	Pacific BioControl Corp.	Label use only		
Pending-	Disease & Fest Control	Filefornories	ISOMALE - OBLIVELY FLOS	Facilic biocontrol corp.	Laber use only		
NOP	Disease & Pest Control	Pheromones	Isomate - P Pheromone	Pacific BioControl Corp.	Label use only		
Pending-							
NOP	Disease & Pest Control	Pheromones	Nomate CM Spiral	Scentry Biologicals	Label use only		
AP	Disease & Pest Control	Rodenticide	Quintox Rat and Mouse Bait -PELLETS	Bell Laboratories, Inc.	Label use only		
		Spray Adjuvant - Buffer					
AP	Disease & Pest Control	Spray & Acidification Agent	Tri-Fol	Wilbur-Ellis Co.	Label use only		
		Spray Adjuvant -					
AP	Disease & Pest Control	Extender/Sticker	Organic Adhesive Adjuvant	Monterey Chemical Co.	Label use only		
AP	Disease & Pest Control	Spray Adjuvant - Spreader/Sticker	Nu-Film-17	Miller Chemical & Fertilizer Corp.	Label use only		
AF	Disease & Fest Control	Spray Adjuvant -	NU-F - 7	Miller Chemical & Fertilizer	Label use only		
AP	Disease & Pest Control	Spreader/Sticker	Nu-Film-P	Corp.	Label use only		
		Spray Adjuvant -		·	,		
AP	Disease & Pest Control	Spreader/Wetting Agent	Organic BioLink Surfactant & Penetrant	Westbridge Ag. Products	Label use only		
4.5	D: 0 D 1 O 1 I	Spray Adjuvant -	0 () 50	Northwest Agricultural			
AP	Disease & Pest Control	Spreader/Wetting Agent Spray Adjuvant -	Surfact 50	Products, Inc.	Label use only		
AP	Disease & Pest Control	Sticker/Spreader	Ocean Gold - Organic Fish Oil	Algro Farms	Label use only		
AP	Disease & Pest Control	Sulfur Product	Kumulus DF	Micro Flo Co.	Label use only		
				Nufarm Americas, Inc.			
				(Formerly Agtrol			
AP	Disease & Pest Control	Sulfur Product	Micro Sulf Micronized Wettable Sulfur	International)	Label use only		
AP	Disease & Pest Control	Sulfur Product	Sulfur DF	Wilbur-Ellis Co.	Label use only		
AP	Disease & Pest Control	Sulfur Product	Wilbur Ellis Dusting Sulfur	Wilbur-Ellis Co.	Label use only		
	Fertilizer & Soil			Walt's Organic Fertilizer Co.,			
AP	Amendments	Alfalfa Meal	Walt's Alfalfa Meal (1-1-8)	Inc.			
4.5	Fertilizer & Soil	D: 1 : 15 ::	DEMO D: (0.0.0)	Tainio Technology and			
AP	Amendments Fertilizer & Soil	Biological Fertilizer	BFMS Biogenesis I (3-0-3)	Technique, Inc. Tainio Technology and			
AP	Amendments	Biological Fertilizer	BFMS Spectrum	Technique, Inc.			
7.1	Fertilizer & Soil	Biological Formizor	Di Nie opearam	Toominguo, me.			
AP	Amendments	Biological Soil Amendment	Actino-Iron	Natural Industries, Inc.			
	Fertilizer & Soil						
AP	Amendments	Biological Soil Amendment	Actinovate Soluble	Natural Industries, Inc.			
	Fertilizer & Soil						
AP	Amendments	Biological Soil Amendment	Alga-Fix	R & A Plant/Soil, Inc.			
A D	Fertilizer & Soil	Diele sieel Ceil Asses des est	Also Mis	D 0 A Disat/Osil Iss			
AP	Amendments Fertilizer & Soil	Biological Soil Amendment	Alga-iviin	R & A Plant/Soil, Inc.			
AP	Amendments	Biological Soil Amendment	Alga-Tilth	R & A Plant/Soil, Inc.			
Al	Fertilizer & Soil	Biological Soil Americanem	Alga-Tilli	Tainio Technology and			
AP	Amendments	Biological Soil Amendment	BEMS Nutra Need	Technique, Inc.			
	Fertilizer & Soil			Tainio Technology and			
AP	Amendments	Biological Soil Amendment	BFMS Pepzyme Clear	Technique, Inc.			
	Fertilizer & Soil						
AP	Amendments	Biological Soil Amendment	BioVam	T & J Enterprises			
	Fertilizer & Soil	5					
AP	Amendments	Biological Soil Amendment	Micro 108 Soluble Biological Innoculant	Natural Industries, Inc.			
ΛD	Fertilizer & Soil	Piological Cail Amonda	Daluband N	Algra Forma			
AP	Amendments Fertilizer & Soil	Biological Soil Amendment	POLYBOHO IN	Algro Farms			
AP	Amendments	Biological Soil Amendment	Promot Biological Inoculum	JH Biotech, Inc.			
	Fertilizer & Soil			2 2.0.00,0.			
AP	Amendments	Biological Soil Amendment	Vital Earth Resources Organic Vitazyme	Vital Earth Resources			
	Fertilizer & Soil						
AP	Amendments	Biological Soil Amendment	Wonder Green	Cito Enterprises, Inc.			
	Fertilizer & Soil			Tainio Technology and			
AP	Amendments	Blended Fertilizer	BFMS Micro 5000 Organic (0-0-15)	Technique, Inc.			
4.5	Fertilizer & Soil	DI 1 15 ('''	5: 0 (40.4.0)	D: 0 1			
AP	Amendments	Blended Fertilizer	BioGro (10-4-2)	Bio-Oregon, Inc.			
AP	Fertilizer & Soil	Blandad Fortilizar	RioGro (7.7.2)	Rio Orogon Inc			
ΛΓ	Amendments	Blended Fertilizer	BioGro (7-7-2)	Bio-Oregon, Inc.	1		

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	Fertilizer & Soil							
AP	Amendments	Blended Fertilizer	BioGro (9-3-5)	Bio-Oregon, Inc.				
	Fertilizer & Soil	51 1 1 5 111	5 11 15 (5 10 1)	California Organic Fertilizer,				
AP	Amendments	Blended Fertilizer	Bone Meal Plus (5-10-1)	Inc. Optimum Yield, Inc (Formerly)				
	Fertilizer & Soil			' '				
۸.D		Dlandad Fastilizas	Foo Min Notural	Martin Marietta Technologies				
AP	Amendments Fertilizer & Soil	Blended Fertilizer	Eco-Min Natural	Corp.)				
AP	Amendments	Blended Fertilizer	Hendrikus Schraven Organics Complete Fertilizer (6-4-4)	Hendrikus Schraven Organics				
AF	Fertilizer & Soil	Bierided Fertilizer	Hendrikus Schraven Organics	Hendrikus Schraven				
AP	Amendments	Blended Fertilizer	Organobloom Fertilizer (5-2-4)	Organics				
Al	Fertilizer & Soil	Dienaea i eranzei	Hendrikus Schraven Organics Seasons	Hendrikus Schraven				
AP	Amendments	Blended Fertilizer	Turf Fertilizer (8-2-4)	Organics				
	Fertilizer & Soil	Dioridod i Ortilizor	Turr oranger (o z 1)	The Center for Holistic				
AP	Amendments	Blended Fertilizer	Intrepid Blue Ribbon Biodynamic Fertilizer	Advanced Organic Studies				
•	Fertilizer & Soil	Dioridoa i oranizor	initiapia bias i libbon biasynamia i orimbon	/ taraneea enganne etaanee				
AP	Amendments	Blended Fertilizer	Nature Safe (10-2-8)	Griffin Industries, Inc.				
	Fertilizer & Soil		(10.00)	,				
AP	Amendments	Blended Fertilizer	Nature Safe (12-2-0)	Griffin Industries, Inc.				
	Fertilizer & Soil		, , ,					
AP	Amendments	Blended Fertilizer	Nature Safe (5-6-6)	Griffin Industries, Inc.				
	Fertilizer & Soil			-				
AP	Amendments	Blended Fertilizer	Nature Safe (8-3-5)	Griffin Industries, Inc.				
	Fertilizer & Soil							
AP	Amendments	Blended Fertilizer	Nature Safe (8-5-5)	Griffin Industries, Inc.				
	Fertilizer & Soil							
AP	Amendments	Blended Fertilizer	Nature Safe (9-4-0)	Griffin Industries, Inc.				
	Fertilizer & Soil							
AP	Amendments	Blended Fertilizer	Nature's Intent - Grower's Blend (0-1-0)	Pacific Calcium, Inc.				
	Fertilizer & Soil		Nature's Intent - Lawn, Garden, & Turf (9-					
AP	Amendments	Blended Fertilizer	3-4)	Pacific Calcium, Inc.				
	Fertilizer & Soil							
AP	Amendments	Blended Fertilizer	Nature's Intent - Nourish (1-2.0-0.2)	Pacific Calcium, Inc.				
	Fertilizer & Soil							
AP	Amendments	Blended Fertilizer	North Pacific Organics (9-3-7)	North Pacific Trading				
				CK LifeSciences Limited				
	Fertilizer & Soil	51 1 1 5 111		(Formerly CK Technology				
AP	Amendments	Blended Fertilizer	NutriSmart Active Eco-Fertilizer (0-6-0)	Laboratory, Ltd)				
۸۵	Fertilizer & Soil Amendments	Dlandad Fastilizas	Devices Diamed LLC	Perfect Blend Organic 4-4-4				
AP	Fertilizer & Soil	Blended Fertilizer	Perfect Blend LLC	California Organic Fertilizer,				
AP	Amendments	Blended Fertilizer	Pre-Plant Plus (7-5-7)	Inc.				
AF	Fertilizer & Soil	Diended i ettilizei	FIE-FIAIR FIGS (1-5-1)	California Organic Fertilizer,				
AP	Amendments	Blended Fertilizer	Veggie Mix (8-5-1)	Inc.				
/ \l	Fertilizer & Soil	Dicrided i citilizei	veggie wiix (0 0 1)	Walt's Organic Fertilizer Co.,				
AP	Amendments	Blended Fertilizer	Walt's Container Plant Food (4-4-4)	Inc.				
,	Fertilizer & Soil	Dioridod i Ortilizor	Trait o Containor Flant 1 Cod (1 1 1)	Walt's Organic Fertilizer Co.,				
AP	Amendments	Blended Fertilizer	Walt's Earthnut Blend (1-7-0)	Inc.				
-	Fertilizer & Soil			Walt's Organic Fertilizer Co.,				
AP	Amendments	Blended Fertilizer	Walt's Rainy Pacific NW Blend (7-4-9)	Inc.				
	Fertilizer & Soil		,	Walt's Organic Fertilizer Co.,				
AP	Amendments	Blended Fertilizer	Walt's Regular Feed (9-3-5)	Inc.				
	Fertilizer & Soil			Walt's Organic Fertilizer Co.,				
AP	Amendments	Blended Fertilizer	Walt's Starter Feed (7-7-2)	Inc.				
	Fertilizer & Soil		, ,					
AP	Amendments	Blended Fertilizer	Wil-Gro Proganic (8-2-4)	Wilbur-Ellis Co.				
	Fertilizer & Soil							
AP	Amendments	Blended Fertilizer	First Choice LZN 8.50	Western Farm Service, Inc.				
	Fertilizer & Soil		Green Earth Organic Bouquet Flower,					
AP	Amendments	Blended Fertilizer	Rose & Bulb Food (4-8-4)	Soil Conditioners, Inc.				
	Fertilizer & Soil							
AP	Amendments	Blended Fertilizer	Green Earth Organic Complete	Soil Conditioners, Inc.				
	Fertilizer & Soil							
AP	Amendments	Blended Fertilizer	Green Earth Organic OrganoBloom (5-2-4)	Soil Conditioners, Inc.				
	Fertilizer & Soil Amendments	Blended Fertilizer	Green Earth Organic Seasons	Soil Conditioners, Inc.				
AP								

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					Soil deficiency		
	Fertilizer & Soil				must be documented by		
AΡ	Amendments	Blended Fertilizer	Organic BioLink 5-5-5 Fertilizer	Westbridge Ag. Products	testing		
-11	Fertilizer & Soil	Diended i enilizer	North Pacific Organics Granulated	Westbridge Ag. 1 Toddets	testing		
AP	Amendments	Bone Meal	Steamed Bone Meal (2-14-0)	North Pacific Trading			
	Fertilizer & Soil			3			
AP	Amendments	Bone Meal	Steamed Bone Meal (1-14-0)	Pacific Calcium, Inc.			
					Soil deficiency		
					must be		
	Fertilizer & Soil		D 17 D 1 A 11 D		documented by		
AP	Amendments	Boron Product	B-17 Boric Acid Spray	Nutrient Technologies, Inc.	testing.		
					Soil deficiency must be		
	Fertilizer & Soil				documented by		
AP	Amendments	Boron Product	Biomin Boron 3% (2-0-0)	JH Biotech, Inc.	testing.		
	, and tamento	20.0	2.6 26.6 676 (2.6.6)	0.1.2.000.1,	Soil deficiency		
					must be		
	Fertilizer & Soil				documented by		
AP	Amendments	Boron Product	Fertibor	U.S. Borax, Inc.	testing.		
					Soil deficiency		
					must be		
	Fertilizer & Soil		0 1 1-01		documented by		
AP	Amendments	Boron Product	Granubor 15%	U.S. Borax, Inc.	testing.		
					Soil deficiency must be		
	Fertilizer & Soil				documented by		
AP	Amendments	Boron Product	Liquid Solubor	U.S. Borax, Inc.	testing.		
			1		Soil deficiency		
					must be		
	Fertilizer & Soil				documented by		
AP	Amendments	Boron Product	Mor-Bor 17	Genesis Agri Products	testing.		
					Soil deficiency		
	Fortilizar 9 Cail				must be		
AP	Fertilizer & Soil Amendments	Boron Product	Phyto-Plus Boron 3% (1-0-0)	Baicor, Inc.	documented by testing.		
Al	Amendments	DOIOITT TOUGET	1 Hyto-1 lus Bololi 378 (1-0-0)	Balcot, Inc.	Soil deficiency		
					must be		
	Fertilizer & Soil			NutriAg Ltd. (Formerly	documented by		
AP	Amendments	Boron Product	Pro Bor 17	Plaaskem International LTD)	testing.		
					Soil deficiency		
					must be		
4.5	Fertilizer & Soil	D D I I	0.1.1		documented by		
AP	Amendments	Boron Product	Solubor	U.S. Borax, Inc.	testing.		
					Soil deficiency must be		
	Fertilizer & Soil				documented by		
AP	Amendments	Boron Product	Solubor DF	U.S. Borax, Inc.	testing.		
					Soil deficiency		
					must be		
	Fertilizer & Soil			NutriAg Ltd. (Formerly	documented by		
AP	Amendments	Boron Product	Spraybor		testing.		
4 D	Fertilizer & Soil	0.1.	0.15110	Northwest Agricultural			
AP	Amendments	Calcium Chloride	Cal-Plex 12	Products, Inc.			
AP	Fertilizer & Soil Amendments	Calcium Chloride	First Choice Organo-Cal	Western Farm Service, Inc.			
ΛI ⁻	Fertilizer & Soil	Calcium Chilonde	i iist Onoice Organo-Cai	vvesterri i arrii service, IIIC.			
AP	Amendments	Calcium Chloride	Natural Cal - Genesis	Genesis Agri Products			
	Fertilizer & Soil		25.00.0				
AP	Amendments	Calcium Chloride	NC-99	Genesis Agri Products			
	Fertilizer & Soil						
AP	Amendments	Calcium Chloride	RSA - Liqui-Cal	RSA MicroTech, Inc.			
					Soil deficiency		
	- ···· • • · ·				must be		
AP	Fertilizer & Soil Amendments	Chelated Fertilizer	Biomin Booster (11)	JH Biotech, Inc.	documented by testing		
					HASTIDA		

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					Soil deficiency		
					must be		
	Fertilizer & Soil				documented by		
AP	Amendments	Chelated Fertilizer	Biomin Booster (126)	JH Biotech, Inc.	testing		
					Soil deficiency		
					must be		
	Fertilizer & Soil				documented by		
AP	Amendments	Chelated Fertilizer	Biomin Booster (221)	JH Biotech, Inc.	testing		
					Soil deficiency		
					must be		
	Fertilizer & Soil				documented by		
AP	Amendments	Chelated Fertilizer	Biomin Booster (235) (2-0-0)	JH Biotech, Inc.	testing		
					Soil deficiency		
					must be		
	Fertilizer & Soil				documented by		
AP	Amendments	Chelated Fertilizer	Biomin Calcium 7% (2-0-0)	JH Biotech, Inc.	testing		
					Soil deficiency		
					must be		
	Fertilizer & Soil				documented by		
AP	Amendments	Chelated Fertilizer	Biomin Copper 4% (2-0-0)	JH Biotech, Inc.	testing		
					Soil deficiency		
					must be		
	Fertilizer & Soil				documented by		
AP	Amendments	Chelated Fertilizer	Biomin Iron 5% (2-0-0)	JH Biotech, Inc.	testing		
					Soil deficiency		
					must be		
	Fertilizer & Soil				documented by		
AP	Amendments	Chelated Fertilizer	Biomin Magnesium 3% (2-0-0)	JH Biotech, Inc.	testing		
					Soil deficiency		
					must be		
	Fertilizer & Soil				documented by		
AP	Amendments	Chelated Fertilizer	Biomin Manganese 5% (2-0-0)	JH Biotech, Inc.	testing		
					Soil deficiency		
	- ···· 0.0 ··				must be		
	Fertilizer & Soil	0	Di 1 71 70/ (0.0.0)		documented by		
AP	Amendments	Chelated Fertilizer	Biomin Zinc 7% (2-0-0)	JH Biotech, Inc.	testing		
					Soil deficiency		
	F+!! 9 C-!!			Nictria - Ltd. (Farmanda)	must be		
4.5	Fertilizer & Soil	0. 1 . 15 .::		NutriAg Ltd. (Formerly	documented by		
AP	Amendments	Chelated Fertilizer	Calcimax Natural	Plaaskem International LTD)	testing		
					Soil deficiency		
	F+!! 9 C-!!			Northwest Assistations	must be		
AP	Fertilizer & Soil Amendments	Chalated Fartilizar	Coloium Boly Amino	Northwest Agricultural Products, Inc.	documented by		
AF	Amendments	Chelated Fertilizer	Calcium PolyAmine	Floducis, inc.	testing		
					Soil deficiency		
	Fortilizar & Cail			Northwest Assisultural	must be		
۸۵	Fertilizer & Soil	Chalated Fartilizar	Conner Daly Amine	Northwest Agricultural	documented by		
AP	Amendments	Chelated Fertilizer	Copper PolyAmine	Products, Inc.	testing		
					Soil deficiency		
	F .::: 0.0.::				must be		
۸.۵	Fertilizer & Soil	Ob alata d Fautilian	Fall One Cald Marki Miranal	Northwest Agriculture	documented by		
AP	Amendments	Chelated Fertilizer	Foli-Gro Gold Multi-Mineral	Products for Wilbur Ellis Co.	testing		
					Soil deficiency		
	Fortilians 9 Call				must be		
۸D	Fertilizer & Soil	Choloted Fortilizer	Croon Cyprosa Conner En/	Montaray Chamical Ca	documented by		
AP	Amendments	Chelated Fertilizer	Green Cypress Copper 5%	Monterey Chemical Co.	testing		
					Soil deficiency		
	F495 0 O "				must be		
4.5	Fertilizer & Soil	01 14 15 :""			documented by		
AP	Amendments	Chelated Fertilizer	Green Cypress Crop Mix	Monterey Chemical Co.	testing		
					Soil deficiency		
	F (" 0 0 "				must be		
AP	Fertilizer & Soil	Ob -1-41 F ('''	0 0 1 501	Mantana Oba i 10	documented by		
	Amendments	Chelated Fertilizer	Green Cypress Iron 5%	Monterey Chemical Co.	testing		

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	Pending-NOP							
Status	Type of Product	Sub-Type	Brand Name	Company	Restrictions			
					Soil deficiency			
					must be			
	Fertilizer & Soil				documented by			
AP	Amendments	Chelated Fertilizer	Green Cypress Magnesium 4%	Monterey Chemical Co.	testing			
					Soil deficiency			
					must be			
	Fertilizer & Soil				documented by			
AP	Amendments	Chelated Fertilizer	Green Cypress Manganese 7%	Monterey Chemical Co.	testing			
					Soil deficiency			
					must be			
	Fertilizer & Soil				documented by			
AP	Amendments	Chelated Fertilizer	Green Cypress Tree & Vine Mix	Monterey Chemical Co.	testing			
					Soil deficiency			
					must be			
	Fertilizer & Soil				documented by			
AP	Amendments	Chelated Fertilizer	Green Cypress Zinc 10%	Monterey Chemical Co.	testing			
					Soil deficiency			
					must be			
	Fertilizer & Soil				documented by			
AP	Amendments	Chelated Fertilizer	Green Cypress Zinc 7%	Monterey Chemical Co.	testing			
					Soil deficiency			
					must be			
	Fertilizer & Soil			Northwest Agricultural	documented by			
AP	Amendments	Chelated Fertilizer	Iron PolyAmine	Products, Inc.	testing			
					Soil deficiency			
					must be			
	Fertilizer & Soil			Northwest Agricultural	documented by			
AP	Amendments	Chelated Fertilizer	Magnesium PolyAmine	Products, Inc.	testing			
					Soil deficiency			
					must be			
	Fertilizer & Soil			Northwest Agricultural	documented by			
AP	Amendments	Chelated Fertilizer	Manganese PolyAmine	Products, Inc.	testing			
					Soil deficiency			
					must be			
	Fertilizer & Soil			Northwest Agricultural	documented by			
AP	Amendments	Chelated Fertilizer	Micro-Pak PolyAmine	Products, Inc.	testing			
					Soil deficiency			
					must be			
	Fertilizer & Soil		Organic BioLink All-Purpose Plus Fertilizer		documented by			
AP	Amendments	Chelated Fertilizer	(3-3-3+micronutrients)	Westbridge Ag. Products	testing			
					Soil deficiency			
					must be			
	Fertilizer & Soil				documented by			
AP	Amendments	Chelated Fertilizer	Organic BioLink Micronutrient Fertilizer	Westbridge Ag. Products	testing			
					Soil deficiency			
					must be			
	Fertilizer & Soil				documented by			
AP	Amendments	Chelated Fertilizer	Phyto-Plus Calcium 5%	Baicor, Inc.	testing			
					Soil deficiency			
					must be			
	Fertilizer & Soil				documented by			
AP	Amendments	Chelated Fertilizer	Phyto-Plus Cobalt 3%	Baicor, Inc.	testing			
					Soil deficiency			
					must be			
	Fertilizer & Soil				documented by			
AP	Amendments	Chelated Fertilizer	Phyto-Plus Copper 5%	Baicor, Inc.	testing			
					Soil deficiency			
					must be			
	Fertilizer & Soil				documented by			
AP	Amendments	Chelated Fertilizer	Phyto-Plus Iron 8%	Baicor, Inc.	testing			
					Soil deficiency			
					must be			
	I			ĺ	documented by			
	Fertilizer & Soil				documented by			

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Status	Type of Product	Sub-Type	Brand Name	Company	Restrictions		
					Soil deficiency		
					must be		
	Fertilizer & Soil				documented by		
AP	Amendments	Chelated Fertilizer	Phyto-Plus Manganese 5%	Baicor, Inc.	testing		
					Soil deficiency		
	F ("" 0 0 "				must be		
۸۵	Fertilizer & Soil	Chalatad Fartilizar	Dhyta Diya Miara Dlanty	Doiner Inc	documented by		
AP	Amendments	Chelated Fertilizer	Phyto-Plus Micro-Plenty	Baicor, Inc.	testing Soil deficiency		
					must be		
	Fertilizer & Soil				documented by		
AP	Amendments	Chelated Fertilizer	Phyto-Plus Molybdenum 3%	Baicor, Inc.	testing		
			,,		Soil deficiency		
					must be		
	Fertilizer & Soil				documented by		
AP	Amendments	Chelated Fertilizer	Phyto-Plus Zinc 5%	Baicor, Inc.	testing		
	Fertilizer & Soil			Northwest Agriculture			
AP	Amendments	Chelated Fertilizer	Pro Natural Boron	Products for Wilbur Ellis Co.			
					Soil deficiency		
	F 0.0				must be		
	Fertilizer & Soil	0	D 11 10 11	Northwest Agriculture	documented by		
AP	Amendments	Chelated Fertilizer	Pro Natural Calcium	Products for Wilbur Ellis Co.	testing		
					Soil deficiency must be		
	Fertilizer & Soil			Northwest Agriculture	documented by		
AP	Amendments	Chelated Fertilizer	Pro Natural Copper	Northwest Agriculture Products for Wilbur Ellis Co.	testing		
Al	Amendments	Officialed Fertilizer	1 To Natural Copper	1 Toddets for Wilder Ellis Co.	Soil deficiency		
					must be		
	Fertilizer & Soil			Northwest Agriculture	documented by		
AP	Amendments	Chelated Fertilizer	Pro Natural Iron	Products for Wilbur Ellis Co.	testing		
					Soil deficiency		
					must be		
	Fertilizer & Soil			Northwest Agriculture	documented by		
AP	Amendments	Chelated Fertilizer	Pro Natural Magnesium	Products for Wilbur Ellis Co.	testing		
					Soil deficiency		
					must be		
4.5	Fertilizer & Soil	01 1 4 1 5 47	D N (1M	Northwest Agriculture	documented by		
AP	Amendments	Chelated Fertilizer	Pro Natural Manganese	Products for Wilbur Ellis Co.	testing		
					Soil deficiency		
	Fertilizer & Soil			Northwest Agriculture	must be documented by		
AP	Amendments	Chelated Fertilizer	Pro Natural Zinc	Products for Wilbur Ellis Co.	testing		
Al	Amendments	Officialed Fertilizer	1 TO Natural Zinc	1 Toddets for Wilder Ellis Co.	Soil deficiency		
					must be		
	Fertilizer & Soil		RNA Kraft Lignosulfonate Complexed 9%		documented by		
AP	Amendments	Chelated Fertilizer	Zinc	RNA Corp.	testing		
					Soil deficiency		
					must be		
	Fertilizer & Soil				documented by		
AP	Amendments	Chelated Fertilizer	RSA - Liquid Copper 5%	RSA MicroTech, Inc.	testing		
					Soil deficiency		
					must be		
	Fertilizer & Soil				documented by		
AP	Amendments	Chelated Fertilizer	RSA - Liquid Field Crop Mix	RSA MicroTech, Inc.	testing		
					Soil deficiency		
	o o				must be		
	Fertilizer & Soil	0			documented by		
AP	Amendments	Chelated Fertilizer	RSA - Liquid Manganese 5%	RSA MicroTech, Inc.	testing		
					Soil deficiency		
	F				must be		
ΛD	Fertilizer & Soil	Chalatad Eartilians	DCA Liquid Zino 70/	BSA MigroTock Inc	documented by		
AP	Amendments	Chelated Fertilizer	RSA - Liquid Zinc 7%	RSA MicroTech, Inc.	testing		

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					Soil deficiency			
					must be			
	Fertilizer & Soil				documented by			
AP	Amendments	Chelated Fertilizer	Ruffin-Tuff - Copper 5-G	RSA MicroTech, Inc.	testing			
					Soil deficiency			
					must be			
	Fertilizer & Soil				documented by			
AP	Amendments	Chelated Fertilizer	Ruffin-Tuff - Crop Mix I	RSA MicroTech, Inc.	testing			
			·		Soil deficiency			
					must be			
	Fertilizer & Soil				documented by			
AP	Amendments	Chelated Fertilizer	Ruffin-Tuff - Crop Mix II	RSA MicroTech, Inc.	testing			
					Soil deficiency			
					must be			
	Fertilizer & Soil				documented by			
AP	Amendments	Chelated Fertilizer	Ruffin-Tuff - Iron 10-G	RSA MicroTech, Inc.	testing			
7.11	, and an one	Citolated Fortilizer	Trainit Tail Holl to C	TOTAL INICIO I COIT, IIIC.	Soil deficiency			
					must be			
	Fertilizer & Soil				documented by			
AP	Amendments	Chelated Fertilizer	Ruffin-Tuff - Manganese 8-G	RSA MicroTech, Inc.	1			
ΛΓ	Amenuments	Oncialed i citilizei	Trumin-Tun - Mangallese 0-G	NOA WILLIOTECH, IIIC.	testing Soil deficiency			
					Soil deficiency			
	Fortilizer 9 C-11				must be			
4.5	Fertilizer & Soil	01 1 4 15 47	D # T # 7 40 0	BOAM T. I.	documented by			
AP	Amendments	Chelated Fertilizer	Ruffin-Tuff - Zinc 10-G	RSA MicroTech, Inc.	testing			
					Soil deficiency			
	F .::: 0.0 ::			N	must be			
4.5	Fertilizer & Soil	01 1 4 15 47	7	NutriAg Ltd. (Formerly	documented by			
AP	Amendments	Chelated Fertilizer	Zinc Max	Plaaskem International LTD)				
					Soil deficiency			
	a a				must be			
	Fertilizer & Soil			Northwest Agricultural	documented by			
AP	Amendments	Chelated Fertilizer	Zinc PolyAmine	Products, Inc.	testing			
	Fertilizer & Soil			Mirana International Natural				
AP	Amendments	Cocoa Mulch	Cocoa Mulch	Resources Division				
	Fertilizer & Soil							
AP	Amendments	Compost	Nature's Intent - Compost (1-1-2)	Pacific Calcium, Inc.				
				Pierce County Recycling,				
	Fertilizer & Soil			Composting and Disposal				
AP	Amendments	Compost	PREP Compost / Bulk	dba Land Recovery, Inc.				
	Fertilizer & Soil			Walt's Organic Fertilizer Co.,				
AP	Amendments	Compost	Walt's Organic Mushroom Compost	Inc.				
	Fertilizer & Soil		Walt's Organic Weed Stopper Plus (10-0-	Walt's Organic Fertilizer Co.,				
AP	Amendments	Corn Gluten	1)	Inc.				
	Fertilizer & Soil			Walt's Organic Fertilizer Co.,				
AP	Amendments	Cotton Seed Meal	Walt's Cotton Seed Meal (4-3-6)	Inc.				
	Fertilizer & Soil			Walt's Organic Fertilizer Co.,				
AP	Amendments	Crab Meal	Walt's Crab Meal (2-1-11)	Inc.				
	Fertilizer & Soil							
AP	Amendments	Crab Shell	Ground Crab Shell (6-8-0)	Bio-Oregon, Inc.				
	Fertilizer & Soil		, ,	Ash Grove Cement				
AP	Amendments	Dolomite	Dolomite	Company				
	Fertilizer & Soil			Yelm Earthworm & Castings				
AP	Amendments	Earthworm Castings	Barefoot Soil	Farm				
	Fertilizer & Soil	· J	Yellowstone Brand Disintegrating 90%	Montana Sulfur & Chemical				
AP	Amendments	Elemental Sulfur	Sulfur	Co.				
	Fertilizer & Soil		-	Montana Sulfur & Chemical				
AP	Amendments	Elemental Sulfur	Yellowstone Brand High Purity Sulfur Prills					
•	Fertilizer & Soil	,						
AP	Amendments	Feather Meal	Feather Tea	Regreen Solutions, Inc.				
	Fertilizer & Soil	. camor mour	. Salioi 10a	. togroom conditions, mo.				
AP	Amendments	Feather Meal	Granulated Feather Meal (13-0-0)	Pacific Calcium, Inc.				
/ \l	Fertilizer & Soil	i caulei ivieal	Granulated Feather Meal (13-0-0)	aomo Oaloluiti, IIIC.				
AP		Feather Meal	Green Farth Organic Footbor Mool	Soil Conditioners, Inc.				
AF	Amendments Fortilizor & Soil	i califer iviedi	Green Earth Organic Feather Meal North Pacific Organics Granulated	Son Conditioners, Inc.				
AP	Fertilizer & Soil	Footbor Mool	<u> </u>	North Doolfie Tradit				
	Amendments	Feather Meal	Feather Meal 10-0-0	North Pacific Trading				

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	Fertilizer & Soil			California Organic Fertilizer,			
AP	Amendments	Feather Meal	Super "N" (12-0-0)	Inc.			
	Fertilizer & Soil			Walt's Organic Fertilizer Co.,			
AP	Amendments	Fish Bone Meal	Walt's Fish Bone Meal (4-17-1)	Inc.			
	Fertilizer & Soil						
AP	Amendments	Fish Product	Ascent HI-N (11-0-0)	Cascade Distributing Co.			
	Fertilizer & Soil						
AP	Amendments	Fish Product	BioGan (12-2-1) Wettable Fish Powder	Bio-Oregon, Inc.			
	Fertilizer & Soil						
AP	Amendments	Fish Product	BioGan (3-2-2) Liquid Fish Fertilizer	Bio-Oregon, Inc.			
	Fertilizer & Soil						
AP	Amendments	Fish Product	BioGan (4-3-2) Liquid Fish Fertilizer	Bio-Oregon, Inc.			
	Fertilizer & Soil	E B					
AP	Amendments	Fish Product	Fish Agra (4-1-1)	Northeast Organics, Inc.			
4.5	Fertilizer & Soil	F: 1 B 1 4	Kelly Green Organic Fertilizer (2-1.50-	Global Recycling and			
AP	Amendments	Fish Product	0.24)	Research			
4.5	Fertilizer & Soil	F: 1 B 1 4	M : 5:1:: (7.4.4)	D . O . D			
AP	Amendments	Fish Product	Marizyme Fishilizer (7-1-1)	Port Organic Products			
۸.۵	Fertilizer & Soil	Field Decident	Marie en Fishilian (0.5.0)	Dest Occasio Destructs			
AP	Amendments Fertilizer & Soil	Fish Product	Marizyme Fishilizer (8-5-2)	Port Organic Products			
4 D		Fish Desdeed	0 (40.0.0)	Al			
AP	Amendments	Fish Product	Ocean Harvest (12-0-0)	Algro Farms			
۸۵	Fertilizer & Soil Amendments	Ciab Draduet	Ormania Cam	Value Rio Pro di lata			
AP		Fish Product	Organic Gem	Young BioProducts			
۸.۵	Fertilizer & Soil	Field Decident	Design Network in the Feetiles	Dalla Carla Fiabaria			
AP	Amendments Fertilizer & Soil	Fish Product	Pacific Natural Liquid Fish Fertilizer Power Plant Fish Emulsion Concentrate (4	Bella Coola Fisheries			
۸D		Ciab Draduet	`				
AP	Amendments Fertilizer & Soil	Fish Product	1-1)	Multi-Marketing Corp.			
۸D		Ciab Draduet	Power Plant Super Fish Emulsion	Multi Markatina Cara			
AP	Amendments Fertilizer & Soil	Fish Product	Concentrate (5-1-1)	Multi-Marketing Corp. Walt's Organic Fertilizer Co.,			
۸۵		Ciah Dradust	Matta Fish Mast (10.6.0)				
AP	Amendments Fertilizer & Soil	Fish Product	Walt's Fish Meal (10-6-0)	Inc.			
AP	Amendments	Fulvic Acid	Fulmax 3%	JH Biotech, Inc.			
AF	Fertilizer & Soil	I divic Acid	I ullilax 378	of Biotech, inc.			
AP	Amendments	Gyneum	Canadian Mountain Gypsum	Pacific Calcium, Inc.			
AF	Fertilizer & Soil	Gypsum	Canadian Modifiani Gypsum	Facilic Calcium, inc.			
AP	Amendments	Cypoum	Good Stuff Gypsum	Art Wilson Co.			
AF	Fertilizer & Soil	Gypsum	Good Stall Gypsaill	Greenacres Gypsum & Lime			
AP	Amendments	Gypsum	Greenacres Granular Gypsum	Co., Inc.			
AF	Fertilizer & Soil	Сурбин	Greenacies Grandiai Gypsuin	Walt's Organic Fertilizer Co.,			
AP	Amendments	Gypsum	Walt's Agricultural Gypsum	Inc.			
/ \l	Fertilizer & Soil	Оурзан	Wait 3 Agricultural Cypsum	1110.			
AP	Amendments	Humic Acid	Humax 12%	JH Biotech, Inc.			
/ \l	Fertilizer & Soil	Traffile / tola	Tidiliax 1270	Northwest Agricultural			
AP	Amendments	Humic Acid	Organic Complexer	Products, Inc.			
/ \l	Fertilizer & Soil	Traffile / tola	Organic Complexes	r roddots, mo.			
AP	Amendments	Humic Acid	Power Plant Folisyn	Multi-Marketing Corp.			
				mana manaanig corp.	Soil deficiency		
					must be		
	Fertilizer & Soil				documented by		
AP	Amendments	Iron Sulfate	Ferrous Sulfate Monohydrate 31.5%	Mineral King Minerals, Inc.	testing.		
				, and the same same same same same same same sam	Soil deficiency		
					must be		
	Fertilizer & Soil		Ferrous Sulfate Monohydrate Granular		documented by		
AP	Amendments	Iron Sulfate	31.5%	Mineral King Minerals, Inc.	testing.		
	Fertilizer & Soil				<u> </u>		
AP	Amendments	Kelp	Ocean Crop Plus	Algro Farms			
	Fertilizer & Soil	,		-			
AP	Amendments	Kelp	Organic TRIGGRR	Westbridge Ag. Products			
	Fertilizer & Soil						
AP	Amendments	Kelp	Power Plant Kelp	Multi-Marketing Corp.			
	Fertilizer & Soil	'		Walt's Organic Fertilizer Co.,			
AP	Amendments	Kelp	Walt's Kelp Meal (4-1-8)	Inc.			
	Fortilizar 9 Cail	i i					
	Fertilizer & Soil						

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	Fertilizer & Soil						
٩P	Amendments	Limestone	Dolopril	Pacific Calcium, Inc.			
	Fertilizer & Soil			Ash Grove Cement			
\ P	Amendments	Limestone	Limestone Flour	Company			
	Fertilizer & Soil						
AΡ	Amendments	Limestone	Organic BioLink Cal Plus	Westbridge Ag. Products			
	Fertilizer & Soil		3	Walt's Organic Fertilizer Co.,			
AΡ	Amendments	Limestone	Walt's Agricultural Limestone Flour	Inc.			
, u	Fertilizer & Soil	Linestone	Walta Agricultura Elinestone Floui		Soil deficiency must be documented by		
AΡ	Amendments	Magnesium Sulfate	Magna Grow	PQ Corp.	testing		
	Fertilizer & Soil		AL-U-Grow (0-0-4) +10S				
\ P	Amendments	Mined Mineral	+1.5Fe	D.C. Minerals, Inc.			
-	Fertilizer & Soil		AL-U-Grow + (0-0-2) +12.5S				
AΡ	Amendments	Mined Mineral	+2.5Fe	D.C. Minerals, Inc.			
-\i	Fertilizer & Soil	IVIII lea IVIII le lai	DC Soil Conditioner (0-0-0) +12S	D.C. Willierals, Iric.			
\ P		Minad Minaral	+7.6Fe	D.C. Minerale, Inc.			
4P	Amendments	Mined Mineral	+7.0FE	D.C. Minerals, Inc.			
	F 177 0 0 7	Mined Trace Mineral					
	Fertilizer & Soil	Fertilizer (Ca, Mg, S, B, Fe,	5	l –			
AP	Amendments	Co, Mo)	Planters II	Algro Farms			
	Fertilizer & Soil			Wright Brothers Investments,			
AP	Amendments	Peat Moss	Creation Organics - Peat Moss	Inc.			
	Fertilizer & Soil						
AΡ	Amendments	Potting Soil	Peaco Organic Potting Soil	Peaco Peat Moss			
	Fertilizer & Soil		<u> </u>				
AΡ	Amendments	Prilled Gypsum	100% Organic Prilled Gypsum	Agro Minerals Fertilizer			
	Fertilizer & Soil	. тыса сурсат	ree /s e · game · · ····ea e y pea · · ·	7 igre iimieraie i eranzei			
AΡ	Amendments	Rock Phosphate	Black Gold Phosphate (0-3-0)	Soda Springs Phosphate			
-1	Fertilizer & Soil	Rock Filospilate	Black Gold Filosphate (0-3-0)	Soua Spiritys Filospilate			
A D		Daal Dhaasha	Mantana National David Dhasahata	Davidia Calairea II-a			
AP	Amendments	Rock Phosphate	Montana Natural Rock Phosphate	Pacific Calcium, Inc.			
	Fertilizer & Soil			Midwestern Bio-Ag (formerly			
AP	Amendments	Rock Phosphate	Vol Cana Phos	R.O.W. Enterprises)			
	Fertilizer & Soil			Northwest Agricultural			
4P	Amendments	Soy Broth	E-325 Bloomtime Foliar Feed	Products, Inc.			
	Fertilizer & Soil						
AP	Amendments	Sulfate of Potash	Crop Finish (0-0-52)	Genesis Agri Products			
	Fertilizer & Soil						
AΡ	Amendments	Sulfate of Potash Magnesia	K-Mag Granular Natural Crystals (0-0-22)	IMC USA, Inc.			
	Fertilizer & Soil	Ĭ .	Agtiva Ultra/ Keg River 85% Degradable				
٩P	Amendments	Sulfur	Elemental Sulfur	Keg River Chemical Corp.			
	Fertilizer & Soil		Nutra-Sul - Keg River 90% Degradable				
AP	Amendments	Sulfur	Elemental Sulfur	Keg River Chemical Corp			
	Fertilizer & Soil	Canar	Liomontal Canal	rtog rtivor orientical corp			
AΡ	Amendments	Sulfur	Tiger Organic - Sulfur 90%	Tiger Industries			
· u	Fertilizer & Soil	Worm Castings and Live	Steam Boat Island Worm Farm's - Worm	Steam Boat Island Worm			
۸D		_		Farm			
AP	Amendments	Worms	Castings	Farm	0 11 1 6 1		
					Soil deficiency		
					must be		
	Fertilizer & Soil				documented by		
AP	Amendments	Zinc Sulfate	Blu-Min Liquid Zinc Sulfate	Bay Zinc Co., Inc.	testing.		
					Soil deficiency		
					must be		
	Fertilizer & Soil				documented by		
AΡ	Amendments	Zinc Sulfate	Blu-Min Zinc Granular with Sulfur	Bay Zinc Co., Inc.	testing.		
					Soil deficiency		
					must be		
	Fertilizer & Soil				documented by		
AΡ		Zino Sulfato	Blu Min Zing Bowdor with Sulfur	Bay Zinc Co., Inc.			
T1	Amendments	Zinc Sulfate	Blu-Min Zinc-Powder with Sulfur	Day ZIIIC CO., ITIC.	testing.		
					Soil deficiency		
					must be		
				1	documented by		
AP	Fertilizer & Soil Amendments	Zinc Sulfate	Liquid Zinc 10%	Monterey Chemical Co.	testing.		

WASHINGTON STATE DEPARTMENT OF AGRICULTURE

Sorted by Type of Product

The Washington State Organic Food Program does not provide any guarantee or warranty, express or implied, for any of the materials included in this list. References to particular products of a manufacturer contained herein are not an endorsement by the Organic Food Program.

Status Key: Approved Material for Organic Use: AP Denied Registration: DENIED

Material Approval Pending NOP Adoption of NOSB Recommendations:

	Pending-NOP							
Status	Type of Product	Sub-Type	Brand Name	Company	Restrictions			
					Soil deficiency			
					must be			
	Fertilizer & Soil				documented by			
٩P	Amendments	Zinc Sulfate	Zinc Sulfate Monohydrate 35.5%	Mineral King Minerals, Inc.	testing.			
					Soil deficiency			
					must be			
	Fertilizer & Soil				documented by			
ΑP	Amendments	Zinc Sulfate	Zinc Sulfate Monohydrate Granular 35.5%	Mineral King Minerals, Inc.	testing.			
	Fertilizer & Soil							
AP	Amendments	Zinc Sulfate	Foli-Gro Zinc 10%	Wilbur-Ellis Co.				
					Soil deficiency			
					must be			
	Fertilizer & Soil				documented by			
AP	Amendments	Zinc Sulfate	Mora-Leaf Dormant Zinc 35% with Sulfur	Wilbur-Ellis Co.	testing.			
AP	Post Harvest Material	Biological Fungicide	Aspire Biofungicide	Ecogen, Inc.				
				Village Farms (formerly				
AP	Post Harvest Material	Biological Fungicide	Bio-Save 10 LP	EcoScience)	Label use only			
				Village Farms (formerly				
AP	Post Harvest Material	Biological Fungicide	Bio-Save 100	EcoScience)	Label use only			
AP	Post Harvest Material	Chlorine Dioxide	Oxine	Bio-Cide International, Inc.				
AP	Post Harvest Material	Chlorine Dioxide	Purogene	Bio-Cide International, Inc.				
AP	Post Harvest Material	Chlorine Dioxide Activator	Activator C	CH2O, Inc.				
			Color Guard - (only lots dated after 12/1/00					
AP	Post Harvest Material	Chlorine Dioxide Activator	are approved)	CH2O, Inc.				
AP	Post Harvest Material	Chlorine Dioxide Activator	Organic Detergent C	CH2O, Inc.				
AP	Post Harvest Material	Chlorine Dioxide Activator	Organic Pak II	CH2O, Inc.				
4.0	D (11)	011 : 5: :1 5	N/D OV 7.5	01100 1				
AP	Post Harvest Material	Chlorine Dioxide Precursor	IVR-OX 7.5	CH2O, Inc.				
AP	Post Harvest Material	Chlorine Dioxide Precursor	IVR-SAN 15	CH2O, Inc.				
AP	Post Harvest Material	Ethylene Removal	CJS Ethylene Filters (Sachets)	CJS Ethylene Filters				
AP	Post Harvest Material	Ethylene Removal	Ethylene Control	Ethylene Control, Inc.				
AP	Post Harvest Material	Ethylene Removal	Super Fresh	Ethylene Control, Inc.				
AP	Post Harvest Material	Hydrogen Dioxide	Storox	BioSafe Systems	Label use only			

2003 BNML Contact List

Phone

Web Address

Contact Name

Company Name

Aberdeen Rd. Co. d.b.a. Hercon	Kristi	Peck	(717) 764-1192	
Acadian AgriTech	Brad	Conrad	(902) 468-2840	www.acadianagritech.com
Advanced Microbial Solutions, LLC	Dr.	N. Ames	(940) 686-5545	www.superbio.com
Ag Formulators, Inc.	Don	Holbrook	(559) 485-0114	www.bestsulfurproducts.com
AgraQuest, Inc.	Ralph	Riggs	(530) 750-0150	www.agraquest.com
Agri-Gro Marketing, Inc.	Tim	Tesreau	(573) 996-7384	www.agrigro.com
Agriliance, LLC	Annelle	Finstad	(651) 451-5416	
Agrimar, Corp.	Edward	Hensley	(770) 965-0220	www.goamar.com
Agro Logistic Systems, Inc.	Shyam	Chari	(909) 860-9887	www.agrologistic.com
Agro Minerals Fertilizer	Duane	Holbert	(509) 486-1834	
Algro Farms	Merle	Smith	(509) 697-7621	
American BioDynamics, LLC	Joe	Hautzinger	(800) 590-7645	
Ampel Co.	Bill	Oertel	(515) 278-5900	www.ampelcorp.com
Art Wilson Co.	John	Mahan	(775) 882-0700	www.awgypsum.com
Arysta LifeScience America, Inc.	Linda	Bruton	(212) 698-5103	
Ash Grove Cement Company	Gary	Wright	(503) 286-1677	www.ashgrove.com
Auxein, Co.	Olav	Messerschmid	(517) 882-7370	www.auxein.com
Baicor, Inc.	Mike	Miller	(435) 752-2475	www.baicor.com
Bay Zinc Co., Inc.	Jennifer	Clemenson	(509) 248-4911	www.bayzinc.com
Bell Laboratories, Inc.	Joni	Abrams	(608) 241-0202	www.belllabs.com
Bella Coola Fisheries	Michelle	Vecchio	(604) 583-3474	www.belcofish.com
Bio-Cide International, Inc.	Steven	Goodspeed	(405) 329-5556	www.bio-cide.com
Bio-Oregon, Inc.	Walter	Kost	(800) 962-2001	www.bio-oregon.com
Biotepp, Inc.	Jack	Drolet	(418) 626-7628	
BioWorks, Inc.	Robert	Brown	(315) 781-1703	www.bioworksbiocontrol.com
California Organic Fertilizers, Inc.	Deborah	Stemwedel	(559) 585-4705	www.organicag.com
Cascade Distributing Co.	Mike	Hodge	(509) 663-3461	
Cedar Grove Composting, Inc.	Suzanne	Lezer	(877) 764-5748	www.cedar-grove.com
Cellu-con, Inc.	Duane	Hilty	(559) 568-0190	www.cellucon.com
Cerexagri Inc.	Rebecca	Clemmer	(610) 491-2811	www.cerexagri.com
Certis USA, LLC	Christine	Dively	(301) 483-3806	www.certisusa.com
CH2O, Inc.	Joyce	Prindle	(360) 943-6063	
Chamberlin Distributing	Del	Vanderhoff	(509) 663-7151	

Company Name	Contact Name		Phone	Web Address
Champon Millennium Chemicals,	Louis	Champon	(703) 426-8640	www.champon.com
Cillus Technology, Inc.	B.W.	Ryu	(562) 623-1905	
Cito Enterprises, Inc.	Clifford	Owen	(253) 537-4136	
CJS Ethylene Filters	Claude	Jensen	(559) 875-6600	www.cjsethylenefilters.com
CK Life Sciences Limited	Katherine	Sidener	(206) 524-2414	
Classic Seafoods, Inc.	John	Cowan Jr.	(360) 268-0565	www.hi-crop.com
Crocker's Fish Oil, Inc.	Paul	Crocker	(509) 787-4953	
D.C. Minerals, Inc.	Dale	Fought	(775) 937-2286	
Decco, Cerexagri Inc	Sukas	Wartanessian	(626) 359-8240	www.cerexagri.com
Diatect International Corp.	Dave	Andrus	(435) 657-4370	www.diatect.com
Dow AgroSciences LLC- State	Brian	Bret, PH.D	(800) 892-6740	www.dowagro.com
Dynamite Marketing, Inc.	Russ	McCrea	(208) 887-9410	
Ecogen, Inc.	Gary	Libman	(505) 867-8154	www.ecogen.com
Englehard Corp.	Dennis	Sekutowski	(732) 205-6116	www.surround.englehard.com
Ethylene Control, Inc.	David	Anthony	(559) 896-1909	www.ethylenecontrol.com
Fine Agrochemicals Ltd	David H.	Dawe	(559) 292-5758	
Fresh Mark Corp.	David	Hall	(352) 429-4171	www.globalfresh.com
G.S. Long Co., Inc.	Aaron	Avila	(800) 338-5664	www.gslong.com
Garlic Research Labs, Inc.	Bill	Brock	(818) 889-4192	www.garlicbarrier.com
Genesis Agri Products	Aaron	Avila	(877) 558-8887	
Georgia-Pacific West, Inc.	Erica	Shepard	(360) 733-4410	www.gp.com/chemicals/lignosulfonat
Global Recycling	J.W.	Heward	(360) 676-7844	www.kellygreen.net
Gowan, Co.	Rebecca	Lamas	(928) 819-1531	www.gowanco.com
Greenacres Gypsum & Lime Co.	Rick	Gardner	(509) 924-5550	
Griffin Industries, Inc.	Beth	Deckert	(859) 572-2564	www.naturesafe.com
Griffin LLC	Mary Ann	Eason	(229) 293-4242	www.griffinllc.com
Gunnison Gypsum	D.	Miller	(509) 467-9832	www.nugro.com
Gustafson LLC	Dennis	McFadden	(972) 985-8877	www.gustafson.com
Helena Chemical Co.	Mandy K.	Styles	(901) 752-4420	www.helenachemical.com
Hendrikus Schraven Organics	Tina C	Peterson	(425) 392-9977	www.hendrikusorganics.com
Horizon Ag-Products	David	Bowers	(509) 736-0951	www.horizonag.com
Husch & Husch, Inc.	Dick	Fraley	(509) 848-2951	
IJO Products, LLC	Dr.	Dunbar	(559) 221-6048	www.ijoproducts.com
IMC USA, Inc.	Ada	Lavin	(863) 428-7107	www.imcglobal.com

Company Name	Contact	Name	Phone	Web Address
Institute of Aquatic & Agri. Science	Jim	Thompson	(206) 285-6510	
J&D Fertilizer, Ltd.	Shane	Stutzman	(503) 266-4610	www.stutzmanenvironmental.com
JH Biotech, Inc.	Tom	Dullam	(805) 650-8933	www.jhbiotech.com
JMS Flower Farms, Inc.	Jeff	Simons	(561) 567-9241	www.stylet-oil.com
Kalo, Inc.	Chuck	Champion	(913) 491-9154	www.kalo.com
Keg River Chemical Corp	Samantha	Zemlak	(888) 512-2121	
LignoTech USA, Inc.	Dr. Stuart	Lebo	(715) 359-6544	www.ltus.com
LipoScience International, LLC	Mike	Hodge	(509) 664-1864	
Lubrizol Foam Control Additives	Anthony	Grzemski	(307) 634-7699	
Martin Marietta Technologies Corp.	David	Jahn	(513) 701-1140	
MGK, Co.	Don	SunQuist	(763) 544-0341	
Micro Flo Co.	Pam	Bruce	(901) 432-5000	www.microflocompany.com
Midwestern Bio-Ag	Don	Gilbertson	(608) 437-4994	www.midwesternbioag.com
Miller Chemical & Fertilizer Corp.	Andrew	Smith	(717) 632-8921	
Mineral King	Jen	Kearney	(559) 582-9228	
Mirana International Natural	HR	Farazian	(310) 791-0905	
Montana Sulfur & Chemical Co.	Susan	Bialas	(406) 252-9324	www.montanasulfur.com
Monterey Chemical Co.	Lynn	Georges	(559) 499-2100	www.montereychemical.com
Multi Marketing Corp.	Jim	Akers	(252) 535-6500	
Mycotech Corp.	Gary	Libmann	(406) 782-2386	
Natural Industries, Inc.	Matt	Kowalski	(281) 580-1643	www.naturalindustries.com
Natures Nutrients	Mick	Koehn	(509) 429-0123	
Neilson Farms	Mike	Neilson	(360) 983-8125	
North Pacific Trading	Darren	MacFarlane	(800) 461-3477	www.gypsumsales.com
Northeast Organics, Inc.	Ronald	Athanas	(978) 526-7888	www.neorganics.com
Northwest Agr. Products for Wilbur Ellis	s David	Bergevin	(509) 547-8234	www.nap-chem.com
Northwest Agricultural Products,	Alan	Wicks	(509) 547-8234	www.nap-chem.com
Nufarm Americas, Inc.	Jim	Yowell	(281) 295-0100	www.nufarm.com
NutriAg Ltd.	Mark	Mcmillan	(416) 636-1555	www.plaaskem.co.za
Nutrient Technologies, Inc.	Jeff	Reimche	(559) 595-8090	www.techflo.com
OBC Northwest, Inc.	Raymond	Scesa	(503) 266-2021	www.obcnw.com
Omega Protein, Inc.	Becky	Raiford	(503) 345-5553	
Optimum Yield, Inc.	Thomas	Larimer	(513) 722-0105	
OR-CAL, Inc.	George	Baker	(541) 689-4413	

Company Name	Contact	Name	Phone	Web Address
P.B.T., Inc. dba Plant Biotech	Sally	Mayeux	(505) 894-4900	
Pacific BioControl Corp.	Kathy	Bolan	(707) 433-4397	
Pacific Calcium, Inc.	Jenifer	Stephan	(509) 486-1201	
Peaco Peat Moss	Ted	Tompkins	(406) 849-5729	
Perfect Blend LLC	Daniel T.	Hazen	(425) 456-8890	www.perfect-blend.com
Phero Tech, Inc.	Stephen	Burke	(800) 665-0076	www.pherotech.com
Pierce County Composting	Carrie	Gregory	(253) 875-2104	
Pioneer Commodities & Trucking	Penny	Meenderinck	(509) 839-7008	
Plant Health Technologies	Lisa	Strong	(209) 858-2511	
Port Organic Products	Ken	Nelson	(661) 339-9384	
Power Plant 2003	Derek &	Tanabe	(206) 229-6528	
PQ Corp.	B.	Powel	(610) 651-4308	
R&A Plant/Soil, Inc.	Ron	Johnson	(509) 545-6867	
Regreen Solutions, Inc.	Shen-Yua	Chen	(909) 594-6318	www.re-green.com
Richlawn Turf Food, Inc.	Rhea	Hoops	(303) 659-6003	
RNA Corp.	Carrie	Tuttle	(559) 693-4520	
Robinson Distributing	Jason	Robinson	(509) 839-5842	
RSA MicroTech, Inc.	ERIN	LONG	(360) 757-1122	
Scentry Biologicals	Mike	Whalen	(406) 245-3016	www.scentry.com
Soda Springs Phosphate	John	Hatfield	(208) 547-3494	
Soil Conditioners, Inc.	Gary	Clark	(509) 829-5733	
Steam Boat Island Worm Farm	Alexander	Wiser	(360) 791-0594	
Steri-Seal of Washington, Inc.	Wendy	Baker	(509) 663-6212	
Stine Microbial Products	Jerry	Reichling	(800) 362-2510	
Sun Gro Horticulture	Blair	Busenbark	(425) 450-9379	www.sungro.com
Sustane/Natural Fertilizer of	Chris	Hogan	(507) 263-3003	www.sustane.com
Suterra, LLC ,	Trace	Tipton	(541) 317-2216	www.suterra.com
Syngenta Crop Protection, Inc.	Patrick	McCain	(336) 632-7317	
T&J Enterprises	Thomas	Giannou	(509) 327-7670	www.tandjenterprises.com
Tainio Technology and Technique,	Teena	Kreymer-Taini	(509) 747-5471	www.tainio.com
Tetra Micronutrients, Inc.	Geri	McQueen	(281) 364-2247	
The Center for Holistic Advanced	Scott	Titus	(360) 384-5348	www.intrepidproducts.net
The Dolsen Companies	Kevin	Krieger	(509) 248-2831	
Tiger Industries	Jeff	Blatz	(403) 279-2616	www.tigerind.com

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Trece Inc.	Jeff	Downs	(559) 285-8448	
UAP Northwest	Greg	Jackson	(509) 545-1865	www.uap.com
Uncle Ian's Enterprises	John	Turner	(425) 277-0320	
US Borax, Inc.	Tracey	Branch	(661) 287-5435	www.borax.com
Valent BioSciences Corp.	Dirk	Ave	(847) 968-4722	www.valentbiosciences.com
Valent USA Corp.	Vickie	Laughlin	(925) 256-2739	
Village Farms	Lucie	Grant	(407) 682-8542	www.ecoscience.com
Vital Earth Resources	Paul	Syltie	(903) 845-2163	www.vitalearth.com
Walt's Organic Fertilizer Co., Inc.	Walt	Benecki	(206) 297-9092	www.waltsorganic.com
Washington State University	Lee A	Hadwiger	(509) 335-3751	
Westbridge Ag. Products	Bethany	Hulcy	(760) 599-8855	www.westbridge.com
Western Farm Service, Inc.	Dunya	Haproff-Fond	(559) 438-6133	www.westernfarmservice.com
Wilbur-Ellis Co.	Linda	Pearce	(559) 457-2235	www.wilbur-ellis.com
Windy Meadow Nursery	Scott	Titus	(360) 384-5348	www.coco-coir.com
Wright Brothers Investments, Inc.	Douglas	Wright	(360) 432-9655	
Xeda Americas, Inc.	Sri	Pfuntner	(909) 680-0839	
Yelm Earthworm & Castings Farm	Peggy	Ledyard	(360) 894-0707	www.yelmworms.com
Young BioProducts	Jeff	Young	(207) 874-2415	



STATE OF WASHINGTON

DEPARTMENT OF AGRICULTURE

P.O. Box 42560 • Olympia, Washington 98504-2560 • (360) 902-1800

Compost, vermicompost, compost tea and processed manure approved for use under the National Organic Program

The National Organic Program restricts the use of compost and animal manure on organic farms. The following list describes compost and animal manure that is compliant with National Organic Program.

- 1. <u>Compost composed of plant material.</u> There are no restrictions on the use of composted or uncomposted plant residues.
- Compost approved under NOP 205.203(c). Compost feedstocks must have an initial carbon to nitrogen ratio of between 25:1 and 40:1. In-vessel or static aerated piles must be maintained at a temperature of between 131 and 170 degrees Fahrenheit for 3 days. Windrow composting systems must be maintained at a temperature of between 131 and 170 degrees Fahrenheit for 15 days and turned a minimum of 5 times.
- 3. Aerobically digested compost. Must meet the following criteria:
 - a) It is made from only allowed feedstock materials including manure, plant residues, food waste, food processing waste, and other natural materials,
 - b) The compost undergoes an increase in temperature to at least 131° F (55°C) and remains there for a minimum of 3 days, and
 - c) The compost pile is mixed or managed to ensure that all of the feedstock heats to the minimum temperature. The monitoring of the above parameters must be documented in the Organic System Plan (plan) submitted by the producer and verified during the site visit.
- 4. <u>Vermicompost</u>. Must meet the following criteria:
 - a) Made from only allowed feedstock materials, except for incidental residues that will not lead to contamination,
 - b) Aerobic activity is maintained by regular additions of thin layers of organic matter at 1-3 day intervals,
 - c) Moisture is maintained at 70-90%, and
 - d) Duration of vermicomposting is at least 12 months for outdoor windrows, 4 months for indoor container systems, 4 months for angled wedge systems, or 60 days for continuous flow reactors.
- 5. <u>Compost tea.</u> Compost tea that is made from approved compost is acceptable for organic crop production. The addition of sugar or molasses to compost tea is acceptable. Sugar and molasses are not of animal origin and not restricted under NOP 205.203(c)(1).
- 6. <u>Processed manure.</u> Manure that has been heated to a temperature in excess of 150° F (65°C) for one hour or more and dried to a moisture level of 12% or less, or an equivalent heating and drying process that produces a product that is negative for pathogenic contamination by salmonella and fecal coliform material is approved for organic use.
- 7. Raw manure. Uncomposted animal manure that does not meet the above criteria may be used in organic crop production if applied more than 90 days prior to the harvest of crops that are not in contact with the soil or more than 120 days prior to the harvest of crops that are in contact with the soil.

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Clopyralid

Clopyralid is a long-lasting herbicide used to control broadleaf weeds. It passes through animals and the composting process with little degradation. The fact that it doesn't break down presents a problem for compost and manure. Compost contaminated with clopyralid may harm certain types of broadleaf plants such as beans, peas, sunflowers, peppers, tomatoes and potatoes.

Compost registered for use in organic crop production by WSDA

Compost that receives WSDA approval through the brand name material registration process must be clopyralid-free. Bioassays and analytical testing are required to verify that composts approved through the brand name material registration process are free of clopyralid residues.

Non-registered sources of compost and manure that are not on the WSDA Brand Name Materials List

Most compost and manure available to organic producers is not registered through the WSDA brand name material registration process. Non-registered composts and manures might fail to meet the zero tolerance standard for clopyralid. Many organic producers utilize non-registered composts and manures in order to meet their soil fertility and crop nutrient needs.

Organic producers are permitted to use compost and manure from non-registered sources as long as it meets the criteria on the previous page. Non-registered compost might contain clopyralid residues. Sensitive plants (legumes, composites, nightshades) may be damaged by clopyralid contaminated compost. There will be no effect on the organic certification status for organic producers that choose to use non-registered sources of compost and manure. It is permissible for organic producers to use non-registered compost that contains clopyralid residues. Use non-registered compost at your own risk.

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